FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080165 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080327 FILING DATE: 1998-03-01 APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01		PPLICANT: Stewart, Timothy A. PPLICANT: Tumas, Daniel PPLICANT: Williams, P. Mickey PPLICANT: Wood, William I. ITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic ITLE OF INVENTION: Acids Encoding the Same ILE REFERENCE: P2630P1C9 ILE REFERENCE: P2630P1C9
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Publication No.
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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APPLICANT
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OR APPLICATION NUMBER: 60/085338
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
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OR APPLICATION NUMBER: 60/084600
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OR APPLICATION NUMBER: 60/085689

DR FILING DATE: 1998-05-15

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DR APPLICATION NUMBER: 60/085580
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
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Filvaroff, Ellen
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PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-11-3
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR APPLICATION NUMBER: 60/07791
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PRIOR APPLICATION NUMBER: 60/07804
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PRIOR PILING DATE: 1998-03-20
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PRIOR PILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC63
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
CURRENT FILING DATE: 2001-10-24
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OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30
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FILING DATE: 1998-03-30
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                           APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
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, David L.
, Timothy A.
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Sequence 162, Application US/0
Publication No. US20030004102A
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Bestein, David
APPLICANT: Eston, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
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OR APPLICATION NUMBER: 60/084627
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OR APPLICATION NUMBER: 60/08533
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RAPPLICATION NUMBER: 60/084640

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Gao, Wei-Qlang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
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                                                                                                                        Ferrara, Napoleon
Filvaroff, Ellen
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o. US20030004102A1
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PILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500
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1998-04-29

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DR APPLICATION NUMBER: 60/083496
DR FILING DATE: 1998-04-29
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DR APPLICATION NUMBER: 60/083545
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DR APPLICATION NUMBER: 60/083554
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R FILING DATE: 1998-04-30
R APPLICATION NUMBER: 60/08
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APPLICATION NUMBER: 60/083322
FILING DATE: 1998-04-28
APPLICATION NUMBER: 60/083392
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APPLICATION NUMBER: 60/083495

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APPLICATION NUMBER: 60/082797 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-23 APPLICATION NUMBER: 60/083336

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OR APPLICATION NUMBER: 60/081838
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DR APPLICATION NUMBER: 60/081195
DR APPLICATION NUMBER: 60/081203
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081229
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DR FILING DATE: 1998-04-09
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DR FILING DATE: 1998-04-01

R APPLICATION NUMBER: 60/680334

DR FILING DATE: 1998-04-01

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DR FILING DATE: 1998-04-08

DR APPLICATION NUMBER: 60/081049

DR APPLICATION NUMBER: 60/081049

DR FILING DATE: 1998-04-08

FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01

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OR APPLICATION NUMBER: 60/064249
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OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077450
OR RILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR RILING DATE: 1998-03-10
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REFILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/07
REFILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/07
REFILING DATE: 1998-03-20
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DR FILING DATE: 1998-03-11
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DR FILING DATE: 1998-03-11
DR FILING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/079923

DR FILING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/080105

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080107

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080165

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DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079663
DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079728
DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079786
DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079920
DR APPLICATION NUMBER: 60/079920
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DR FILLING DATE: 1998-03-25

DR APPLICATION NUMBER: 60/079656

DR FILLING DATE: 1998-03-26

DR FILLING DATE: 1998-03-27

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FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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David L.
Timothy A.
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   OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/08333
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/08332
OR FILING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
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OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR APPLICATION NUMBER: 60/083559
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DR APPLICATION NUMBER: 60/081229

DR APPLICATION NUMBER: 60/081955

DR FILING DATE: 1998-04-15

DR APPLICATION NUMBER: 60/081817

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DR APPLICATION NUMBER: 60/081819

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DR APPLICATION NUMBER: 60/081819

DR FILING DATE: 1998-04-15

DR APPLICATION NUMBER: 60/081952

DR APPLICATION NUMBER: 60/081638

DR FILING DATE: 1998-04-15

DR APPLICATION NUMBER: 60/082568

DR FILING DATE: 1998-04-21

DR APPLICATION NUMBER: 60/082569

DR FILING DATE: 1998-04-21

OR APPLICATION NUMBER: 60/082704

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082704
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DR APPLICATION NUMBER: 60/080328

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/080333

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DR APPLICATION NUMBER: 60/080334
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R APPLICATION NUMBER: 60/081070
R FILING DATE: 1998-04-08
R APPLICATION NUMBER: 60/081049
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R APPLICATION NUMBER: 60/081071
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APPLICATION NUMBER: 60/081195
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
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FILING DATE: APPLICATION 1

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RESULT 6
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Best Local Simi
Matches 224;
                                                                                                                                        GENERAL INFORMATION:
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                                               APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Betstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
                                      APPLICANT:
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085338
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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APPLICATION NUMBER: 60/085579
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APPLICATION NUMBER: 60/085580
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APPLICATION NUMBER: 60/084600
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APPLICATION NUMBER: 60/085700
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APPLICATION NUMBER: 60/085582
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 Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
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Pred. No. 8.9e-123;
Mismatches 0;
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Matches 224
                                                                                                                                                                                                                                                           Sequence 162, Application US/09978585A Publication No. US20030049633A1 GENERAL INFORMATION:
                                                                                                      APPLICANT:
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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein, David
Desnoyers, Luc
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Filvaroff, Ellen
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; Prior Application removed - S
; SEQ ID NO 162
; LENGTH: 224
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-608A-162
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CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                            Similarity
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY 224
                                                               VGFCFLTNQWAVTNFKDVLVGADSVRAAITFSFFSIFSWGVLASLAVQRYKAGVDDFIQN 180
                                         VGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                       FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
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Pred. No. 8.9e-123;
; Mismatches 0;
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FILE REFERENCE: P2630P1C15
CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper of SEQ ID NO 162
SEQ ID NO 162
LENGTH: 224
TYPE: PRT
ORGANISM: Homo sapiens
US-09-978-585A-162
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Best Local S
Matches 224
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Publication No. US20030050239A1
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PPIICANT: Williams, P. Milkey
PPIICANT: Wood, William I.
ITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
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Similarity 100.0%; Pred. No. 8.9e-123;
24; Conservative 0; Mismatches 0;
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Napie.,
Pan, James;
Paoni, Nicholas F.
Paoni, Naret Ann
                                                           Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J.
Kljavin, Tvar J.
Kuo, Sophia S.
Napier, Mary A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VGFCFLTNOWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYORYKAGVDDFION 180
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Botstein, David
Desnoyers, Luc
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Kljavin, Ivar J.
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                                                                                                                                                                                                                                                          Fong, buccang
Gao, Wei-Qiang
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                                                                                                                                                                                                           Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                                                                                                                                                                                                               Ferrara, Napoleon
Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nicholas F.
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    See File Wrapper or Palm

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CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/064249
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OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
                                                                      OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION UMBER: 60/080328
OR FILING DATE: 1998-04-01
OR FILING DATE: 1998-04-01
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DR FILLING DATE: 1998-03-20
DR FILLING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/079294
DR APPLICATION NUMBER: 60/079294
DR FILING DATE: 1998-03-25
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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FILING DATE: 1998-03-11
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             APPLICATION NUMBER: 60/080333
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
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APPLICATION NUMBER: 60/079920
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/079664
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Stewart, Timothy A.
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PRIOR

APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081195

FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/081070
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081049
FILING DATE: 1998-04-08

DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081229
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081955
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081817
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081819
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/08185
DR APPLICATION NUMBER: 60/081952

FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082568

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RESULT 9
US-09-978-403A-162
US-09-978-403A-162
Sequence 162, Application US/09978403A
Publication No. US20030050240A1
GENERAL INFORMATION:
APPLICANT: Baker Kevin P.
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Beton, Dan
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Ferrara, Napoleon
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085580
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
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DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085323
DR FILING DATE: 1998-05-13
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DR FILING DATE: 1998-05-15
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OR APPLICATION NUMBER: 60/084627
OR FILING DATE: 1998-05-07
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Gao, Wei-Qiang
Garber, Hanspeter
Gerritsen, Mary E.
Goddard, Andrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin I.
Hillan, Kenneth J
Kljavin, Ivar J.
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Filvaroff, Ellen
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OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
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OR APPLICATION NUMBER: 60/082790
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OR APPLICATION NUMBER: 60/082797
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PRIOR

OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR APPLICATION NUMBER: 60/083499
OR APPLICATION NUMBER: 60/083499
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OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083558

OR APPLICATION NUMBER: 60/083336
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OR APPLICATION NUMBER: 60/083322
OR FILLING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083599
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OR APPLICATION NUMBER: 60/083500
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OR APPLICATION NUMBER: 60/084366
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR APPLICATION NUMBER: 60/084639
OR APPLICATION NUMBER: 60/084640
OR APPLICATION NUMBER: 60/084640
OR APPLICATION NUMBER: 60/084640
OR APPLICATION NUMBER: 60/084640

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CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-3
PRIOR APPLICATION NUMBER: 60/066311
PRIOR APPLICATION NUMBER: 60/066364
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   OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-03-31
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OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-04
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OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079669
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
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OR APPLICATION NUMBER: 60/079728
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OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/0780866
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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FILING DATE: 1998-03-10
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, Williams I
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Napier, Mary A.
Pan, James;
                                                                                                                                                                                                                                                                                                                                                                                                                      60/079920
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OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083392
OR APPLICATION NUMBER: 60/083495
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OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR APPLICATION NUMBER: 60/08359
OR APPLICATION NUMBER: 60/084414
OR APPLICATION NUMBER: 60/084411
OR APPLICATION NUMBER: 60/084411
OR APPLICATION NUMBER: 60/084411
OR APPLICATION NUMBER: 60/084411
OR APPLICATION NUMBER: 60/084431
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DR FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/081195

DR FILING DATE: 1998-04-08

DR APPLICATION NUMBER: 60/081203

DR FILING DATE: 1998-04-09

DR APPLICATION NUMBER: 60/081229 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081817
FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081071 APPLICATION NUMBER: 60/081838 FILING DATE: 1998-04-15 FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/081070
FILING DATE: 1998-04-08
FILING DATE: 1998-04-08 APPLICATION NUMBER: APPLICATION NUMBER: 60 FILING DATE: 1998-04-0 60/080333 60/080328

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US-09-978-564A-162
Sequence 162, Application US/09978564A
Publication US20030050241A1
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Best Local Similarity
Matches 224; Conserv
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OR APPLICATION NUMBER: 60/085689
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
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OR APPLICATION NUMBER: 60/085580
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085338
OR FILING DATE: 1998-05-13
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FILING DATE:
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085582
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085700
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APPLICATION NUMBER: 60/085573
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084600
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APPLICATION NUMBER: 60/084627
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                                                           Fong, Snerman
Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
                                                                                                                                                                                                                                                                                              Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           VGECELINQWAVINEKDYLVGADSVRAAITESEFSIESWGVLASLAYQRYKAGVDDEIQN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           VGFCFLTNQWAVTNFKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                                 Filvaroff, Ellen
                                                                                                                                                                                                             Baker, Kevin P.
Botstein, David
Desnoyers, Luc
                                                                                                                                                                                         Eaton, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 1191; DB 10; ilarity 100.0%; Pred. No. 8.9e-123; Conservative 0; Mismatches 0;
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CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 00/062250
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PEPLICATION NUMBER: 60/064249
PRIOR PEPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078886
PRIOR APPLICATION NUMBER: 60/078886
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078939
PRIOR APPLICATION NUMBER: 60/078939
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PRIOR APPLICATION NUMBER: 60/079294
PRIOR APPLICATION NUMBER: 60/079294
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C25
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APPLICANT:
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/079923
FILING DATE: 1998-03-30
  APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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APPLICATION NUMBER: 60/079786
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/
FILING DATE: 1998-03-31
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Grimaldi,
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Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gurney, Austin
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J. Christopher
                                                                                                          60/080105
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Sequence 162, Application US/09999833A
Publication No. US20030054405A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eaton, Dan
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US-09-999-833A-162
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Matches 224;
  APPLICANT:
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OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
OR APPLICATION NUMBER: 60/085704
OR APPLICATION NUMBER: 60/085697
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OR APPLICATION NUMBER: 60/084647
OR APPLICATION NUMBER: 60/084643
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08523
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08523
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085582
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
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OR APPLICATION NUMBER: 60/085689
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APPLICATION NUMBER: 60/084600
APPLICATION 1998-05-07
APPLICATE: 1998-05-07
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APPLICATION NUMBER: 60/084639
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APPLICATION NUMBER: 60/084598
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APPLICATION NUMBER:
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Filvaroff, Ellen
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Pred. No. 8.9e-123;
); Mismatches 0;
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APPLICATION NUMBER: 60/081817 APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955

APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083558
OR APPLICATION NUMBER: 60/083559
OR APPLICATION NUMBER: 60/08359
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-05

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OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796
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RESULT 12
US-091-981-915A-162
; Sequence 162, Application US/09981915A
; Publication No. US20030054986A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
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Pred. No. 8.9e-123;
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APPLICAM: Girma, Assin L.
APPLICAM: Hillan, Kenneth J
APPLICAM: Hillan, Kenneth J
APPLICAM: Mail Assin L.
APPLICAM: Mapier, Mary A.
APPLICAM: Mapier, Mary A.
APPLICAM: Paoni, Nicholas F.
APPLICAM: Roy, Margaret Ann
APPLICAM: Roy, Margaret Ann
APPLICAM: Tomas, Danid L.
APPLICAM: Wood, William I.
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Godowski, Paul J.
Grimaldi, J. Christopher
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Gerritsen, Mary E.
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FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/080105 FILING DATE: 1998-03-31

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60/080107

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APPLICATION NUMBER: 60/085580
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APPLICATION NUMBER: 60/084598
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084640
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APPLICATION NUMBER: 60/084637
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
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APPLICATION NUMBER: 60/084366
FILING DATE: 1998-05-05
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083742
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APPLICATION NUMBER: 60/083559
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/08032
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OR APPLICATION NUMBER: 60/08032
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/08033
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/08104
OR APPLICATION NUMBER: 60/08104
OR APPLICATION NUMBER: 60/08107
OR FILING DATE: 1998-04-08
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/08120
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OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/08185
OR APPLICATION NUMBER: 60/08185
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OR APPLICATION NUMBER: 60/082569
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OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR FILING DATE: 1998-04-29

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OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
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OR FILING DATE: 1998-04-22
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OR APPLICATION NUMBER: 60/082796
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OR APPLICATION NUMBER: 60/08332
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OR APPLICATION NUMBER: 60/083495
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Bablication No. 1897097824 Pablication No. 1897097824 APPLICANT: Beckerin, David APPLICANT: Generic APPLICANT:
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ILING DATE: 1998-03-27 PELICATION NUMBER: 60/079766 ILING DATE: 1998-03-27 PELICATION NUMBER: 60/07978 PELICATION NUMBER: 60/07978 ILING DATE: 1998-03-20 PELICATION NUMBER: 60/079920 ILING DATE: 1998-03-30 PELICATION NUMBER: 60/080105 ILING DATE: 1998-03-31 PELICATION NUMBER: 60/080165 ILING DATE: 1998-03-31 PELICATION NUMBER: 60/080194 ILING DATE: 1998-03-31 PELICATION NUMBER: 60/080327 ILING DATE: 1998-04-01 PELICATION NUMBER: 60/081049 PELICATION NUMBER: 60/081049 PELICATION NUMBER: 60/081070 PELICATION NUMBER: 60/081070 PELICATION NUMBER: 60/081070 PELICATION NUMBER: 60/08129 PELICATION NUMBER: 60/08129 PELICATION NUMBER: 60/08195 ILING DATE: 1998-04-09 PELICATION NUMBER: 60/08195 PELICATION NUMBER: 60/08195 ILING DATE: 1998-04-15 PELICATION NUMBER: 60/08195 PELICATION NUMBER: 60/08195 PELICATION NUMBER: 60/08270 PELICATION NUMBER: 60/08332 ILING DATE: 1998-04-22 PELICATION NUMBER: 60/08332 PELICATION NUMBER: 60/08332 ILING DATE: 1998-04-29 PELICATION NUMBER: 60/08332
NUMMER: 60/079663 1998-03-27 NUMMER: 60/079728 NUMMER: 60/079786 1998-03-27 NUMMER: 60/079920 NUMMER: 60/080105 1998-03-30 NUMMER: 60/080105 1998-03-31 NUMMER: 60/080194 NUMMER: 60/080194 NUMMER: 60/08033 1998-03-31 NUMMER: 60/08033 1998-04-01 NUMMER: 60/08033 1998-04-01 NUMMER: 60/08033 1998-04-01 NUMMER: 60/08033 1998-04-01 NUMMER: 60/08033 NUMMER: 60/08104 1998-04-06 NUMMER: 60/081070 NUMBER: 60/081070 NUMBER: 60/081071 1998-04-08 NUMBER: 60/0818195 NUMBER: 60/0818191 NUMBER: 60/0
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PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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APPLICANT: Pachi, Nicholas F.
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PICI
CURRENT APPLICATION NUMBER: US/09/918,585A
CURRENT FILING DATE: 2001-07-30
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DR FILING DATE: 1998-03-11
DR APPLICATION NUMBER: 60/077649
DR APPLICATION NUMBER: 60/077791
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DR FILING DATE: 1998-03-12
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OR APPLICATION NUMBER: 60/078886
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OR APPLICATION NUMBER: 60/078939
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Grimaldi,
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Hillan, Kenneth J
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Desnoyers, Luc
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J. Christopher
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OR FILING DATE: 1998-05-06
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OR APPLICATION NUMBER: 60/084640
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APPLICATION NUMBER: 60/083500 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083742 FILING DATE: 1998-04-30

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APPLICATION NUMBER: 60/083558

FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/08538
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
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APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07

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APPLICATION NUMBER: 60/085339

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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
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APPLICATION NUMBER: 60/085697

APPLICATION NUMBER: 60/085580 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/085573

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APPLICATION NUMBER: 60/085579

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APPLICATION NUMBER: FILING DATE: 1998-05

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OR FILING DATE: 1998-05-15
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OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-04-30
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DR APPLICATION NUMBER: 60/085339

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                                                   FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
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Pred. No. 8.9e~123;
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
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OR APPLICATION NUMBER: 60/081938
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
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Search completed: April 7, 2004, 11:59:54 Job time : 44 secs

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	Score	Query Match	Query Match Length	DB	ID	Description
1	1191	100.0	224	2	AAY41709	Aay41709 Human PRO
N	1191	0	224	W	AAB44265	5 Human
ω	1191	100.0	224	w	AAB24048	Human
4	1191		224	4	AAB64539	Gene 4
U1	1191	100.0	224	σ	ABO25211	1 Novel
o,	1191	100.0	224	თ	ABU72217	Novel
7	1191	100.0	224	σ	ABU84897	
00	1191	100.0	224	σ	ABU61095	Human
9	1191	100.0	224	σ	ABU80364	Abu80364 Human sec
10	1191	100.0	224	σ	ADA24701	
11	1191	100.0	224	თ	ABO19666	Abo19666 Novel hum
12	1191	100.0	224	Q	ADA12362	Ada12362 Human sec
13	1191	100.0	224	σ	ABC19557	Abo19557 Novel hum
14	1191	100.0	224	7	ADB73668	Adb73668 Human PRO
15	1191	100.0	224	7	ADB76384	Adb76384 Human PRO
16	1191	100.0	224	7	ADC43810	Adc43810 Human sec
17	1191		224	7	ADC61570	Adc61570 Human sec
18	1191		224	7	ADC63534	Human
19	1191	100.0	224	7	ADC66634	
20	1191	80.	224	7	ADC68758	Adc68758 Human sec
21	1191	0		7	ADC62818	Adc62818 Human sec
22	1191	00.		7	ADC67883	Adc67883 Human sec
23	1191	100.0		7	ADC41203	Adc41203 Human sec
24	1191	100.0	224	7	ADC67258	Adc67258 Human sec
25	1191	100.0	224	7	ADC62194	Adc62194 Human sec

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Aab51881	Aab51880	Add45140	Ade54984	Abg22771	Aab43978	Aab64540	Aab64466	Aaw36516	Ade89597	Ade48496	Ade16988	Add72337	Add72979	Ade16364	Ade35250	Ade49196	Ade54986	Add45142	Adc41827
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## ALIGNMENTS

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New secreted and transmembrane polypeptides and their polynucleotides, useful for treating blood coagulation disorders, cancers and cellular adhesion disorders.
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The present invention describes secreted and transmembrane polypeptides and their polymucleotides. The nucleotide sequences are useful as sources of probes, primers, for chromosome mapping, and for generation of antisense sequences. They can also be used to create transgenic animals. The proteins can be used to treat a variety of diseases and disorders, depending on their function. Diseases that may be treated include blood coagulation disorders, cancers and cellular adhesion disorders. They may also be used to raise antibodies. AAZ33891 to AAZ34338, and AAY41655 to AAY41774 represent polymuclectide and polypeptide sequence given in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                     VGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                                                                                                    FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                                                                                                                                                                                                                      FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                 YVDPTFDPNTAYASYPGASVDNYQQPPFFQNAETTEGYQPPPVY
                                                                                                      VGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY 224
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06-JAN-2000;
06-JAN-2000;
                                                                                                   Human; tumour; diagnosis; neoplastic disease; identification; cancer; tumourigenesis; detection; neoplastic cell growth; proliferation; cytostatic; antiinflammatory; immunomodulatory; inflammatory disorder;
                                                                                                                                                                                                                    Human PRO615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              rag) sequences which encode secreted or transmembrane PRO polypeptides. The PRO polynucleotides and polypeptides have cytostatic activity. The polynucleotides and polypeptides can be used for detecting the presence of PRO polypeptides in samples, for linking bioactive molecules to cells and for modulating biological activities of cells, using the polypeptides for specific targeting. The polypeptide targeting can be used to kill the target cells, e.g. for the treatment of cancers. The polypeptide pairs provide specific targeting of bioactive molecules to cells. AAC78600 to AAC7887 represent PCR primers and probes used in the isolation of the PRO polynucleotide sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 224
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DB; AAC78493.
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, Godowski PJ, Grimaldi CJ
J, Kuo SS, Napier MA, Pan
A, Tumas D, Williams PM,
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Fong S, Gao W, Gerber H, Gerritses
Grimaldi CJ, Gurney AL, Hillan KJ;
ier MA, Pan J, Paoni NF, Roy MA,
lilams PM, Wood WI;
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                                                                                                                                                                                                                                         Query Match
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Matches 224
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21-APR-1999
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30-NOV-1999
02-DEC-1999
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30-DEC-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        New isolated antibody for use in compositions and methods for the diagnosis and treatment of neoplastic cell growth and proliferation mammals, including humans, and in monitoring tumor treatment.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Baker
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N-PSDB; AAC58232.
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                         YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY
                                                                                 VGFCFLTNQWAVTNÞKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
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                                                                                                                                                ENRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                                                                                                                                                               MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
                                                            VGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
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99WO-US028313
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99WO-US031243
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Pred. No. 1.4e-128;
; Mismatches 0;
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Homo

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AAB64539
XX AAB6
CC AAAB6
CC AAAB
                                                                                        The polynucleotide sequences given in AAF32699 to AAF32747 encode the CC human secreted proteins given in AAB6422 to AAB64470. AAB64471 to AAB6448 represent human secreted polypeptide sequences and proteins CC homologous to them, which are given in the exemplification of the present convention. Human secreted proteins have activities based on the tissues and cells the genes are expressed in. Examples of activities include: CC cytostatic; cardiant; vasctropic; cerebroprotective; antibacterial; virucide; fungicide; and corropic; cc ophthalmological. The polymucleotides and polypeptides can be used to cophthalmological. The polymucleotides and polypeptides can be used to cophthalmological. The polymucleotides and polypeptides can be used to cophthalmological or ameliorate a medical condition in e.g. humans, mice, crabbits, goats, horses, cats, dogs, chickens or sheep. They are also used conditions gates horses, cats, dogs, chickens or sheep. They are also used conditions gates are e.g. remanated arthritis, hyperproliferative conditions caused by care absorders which are diagnosed or treated include autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative conditions caused by bacteria, viruses and fungi and ocular disorders ce.g. cardiac arrest, cerebrovascular disorders e.g. cerebral ischaemia, conditions dispensed on the breast or liver, cardiovascular disorders ce.g. corneal infection. The polypeptides can also be used to aid wound cell conditure of primary tissues, to regenerate tissues and in chemotaxis. The collure of primary tissues, to regenerate tissues and in chemotaxis. The collure of primary tissues, to regenerate tissues and in chemotaxis. The collure of primary tissues are apabilities. AAF32690 to AAF32698 and convention
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    Sequence 224
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Isolated nucleic acid molecule encoding in preventing, treating or ameliorating
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Query Match
Best Local Similarity
Matches 224; Conserv

100.0%; Score 1191; DB 4; llarity 100.0%; Pred. No. 1.4e-128; Conservative 0; Mismatches 0;

Length Indels

224;

Gaps

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13-MAR-1998;
17-MAR-1998;
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cell de
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10-MAR-1998;
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                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                        viral infection.
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                                                                                                                                                                                                                                                                                                                                                                                                                n; secreted and transmembrane protein; PRO; virucide; gene therapy;
death; growth induction cascade; blood coagulation cascade;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
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98US-0079663P.
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98US-0080105P.
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98US-0077649P.
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15-Ar.
15-Apr-1998;
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27-APR 1998
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24-MAY-1999
25-MUN-1999
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26-UUL-1999
27-MUL-1999
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99WO-US005128
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99US-0267213
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99US-01316863426
2001US-008863426
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Baker KP,
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Best Local Similarity
Matches 224; Conserv
17-OCT 1997
03-NOV 1997
13-NOV 1997
11-NOV 1997
11-NAR 1998
11-NAR 1998
11-NAR 1998
11-NAR 1998
11-NAR 1998
12-NAR 1998
12-NAR 1998
20-NAR 1998
20-NAR 1998
20-NAR 1998
20-NAR 1998
27-NAR 1998
30-NAR 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human; secreted and transmembrane protein; pRO; antiinflammatory; antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytoss antidiabetic; gene therapy; inflammatory disease; organ failure; atherosclerosis; cardiac injury; infertility; birth defect; premature aging; AIDS; cancer; diabetic complication; chromosome n gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor; tissue typing.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                standard;
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Conservative 0;
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97US-0062250P-
97US-006311P-
97US-006331P-
97US-0063364P-
98US-0077632P-
98US-0077641P-
98US-0077791P-
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98US-0078939P-
98US-007964P-
98US-0079689P-
98US-0079689P-
98US-0079689P-
98US-00797988P-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 1191; DB 6;
Pred. No. 1.4e-128;
; Mismatches 0;
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  Ashkenazi A.
Ferrara N, F.
'oddard A, God.
'vin IJ, K'
                                                                                                                                                                                                                                                      31-MAR-1998;
31-MAR-1998;
31-MAR-1998;
31-MAR-1998;
01-APR-1998;
01-APR-1998;
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11-MAR-2000;
11-FEB-2000;
11-FEB
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N, Filvaroff E,
A, Godowski PJ,
IJ, Kuo SS, Napi
TA, Tumas D, Wil
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98
             KP, Botstein D, Desnoyers L, Eaton DL;
f. E, Fong S, Gao W, Gerber H, Gerritsen ME;
PJ, Grimaldi JC, Gurney AL, Hillan KJ;
Napier MA, Pan J, Paoni NF, Roy MA, Shelto,
Williams PM, Wood WI;
                                            Shelton
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DL;

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RESULT 7
ABU84897
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                            Human; thrombolytic agent; interferon; interleukin; cytokine; erythropoietin; colony stimulating factor; cancer; colorectal carcinoma apoptosis related condition; AIDS; amyotrophic lateral sclerosis; inflammatory disease; asthma; atherosclerosis; neurodegenerative disease gastrointestinal disorder; Alzheimer's disease; Parkinson's disease; hypertension; myocardial ischaemia; kidney disease; carcinogenesis; glomerulonephritis; lung disease; pulmonary hypertension; precclampsia; bronchial asthma; gastric ulcer; renal failure; cardiovascular disease; inflammatory bowel disease; reproductive disorder; premature labour.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The invention describes an isolated nucleic acid (I) comprising, or which is at least 80 % sequence identity to, or the full-length coding sequence of, any of 118 300-2100 nucleotide sequences, which encodes its corresponding PRO polypeptide selected from 118 100-700 amino acid sequences, all given in the specification. The nucleic acids and polypeptides are useful for treating inflammatory diseases, organ failure, atherosclerosis, cardiac injury, infertility, birth defects, premature aging, AIDS, cancer, or diabetic complications. The nucleic acids are useful as hybridisation probes, in chromosome and gene mapping, and in generating antisense RNA or DNA. The polypeptides are useful as pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful in tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 200
N-PSDB;
                                                          US2002177553-A1
                                                                                                                                                                                                                                                                                                                                                                12-AUG-2003
                                                                                                                                                                                                                                                                                                                                                                                                    ABU84897;
                                                                                                                                                                                                                                                                                                                                                                                                                                       ABU84897 standard; protein;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New secreted and transmembrane nucleic acids and polypeptides, designated as PRO, useful for treating inflammation, organ failure, atherosclerosis, cardiac injury, infertility, birth defects, premature aging, AIDS, or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2003-328860/31.
DB; ACA63595.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            VGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              VGFCFLTNQWAVTNEKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
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                                                                                                                                                                                                                                                                                                                                                              entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                         224
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Pred. No. 1.4e-128;
0; Mismatches 0;
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                                                                                                                                                                                                                                                                 carcinoma;
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    14 - MAY - 1999

12 - MIQ - 1999

25 - AUG - 1999

25 - AUG - 1999

25 - AUG - 1999

26 - DEC - 1999

27 - DEC - 1999

28 - DEC - 1999

29 - DEC - 1999

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31 - DEC - 1999

31 - DEC - 1999

32 - DEC - 1999

33 - DEC - 1999

34 - DEC - 1999

35 - DEC - 1999

36 - JAN - 2000

26 - JAN - 2000

27 - MAY - 2000

28 - MAY - 2000

28 - MAY - 2000

29 - MAY - 2000

20 - MAY - 2000

21 - MAY - 2000

22 - MAY - 2000

23 - MAY - 2000

24 - AUG - 2000

26 - JUN - 2000

27 - NOV - 2000

28 - JUN - 2000

29 - DEC - 2000

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21 - DEC - 2000
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17-MAR-1998;
20-MAR-1998;
20-MAR-1998;
20-MAR-1998;
20-MAR-1998;
26-MAR-1998;
27-MAR-1998;
28-WAR-1998;
29-WAR-1998;
30-WAR-1998;
30-WA
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13-
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                                                                    99WO-US05190
99US-00284291
99US-00284291
99US-00311832
99WO-US01273
99WO-US01273
99WO-US01273
99WO-US028551
99WO-US028551
99WO-US028551
99WO-US028551
99WO-US031243
99WO-US031243
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99WO-US031243
99WO-US031243
99WO-US031243
2000WO-US000277
2000WO-US000277
2000WO-US000273
2000WO-US00031743
2000WO-US00031743
2000WO-US00031705
2000WO-US0013705
2000WO-US014941
2000WO-US014941
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99US-00254465.
99WO-US005028.
99WS-00265686.
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98US-0079663P
98US-0079668P
98US-0079689P
98US-0079728P
98US-0079728P
98US-0079720P
98US-0079720P
98US-0079923P
98US-0079923P
98US-00168978
98US-00168978
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98US-0077649P

98US-007791P

98US-0078004P

98US-0078020

98US-0078910P

98US-0078910P

98US-0078939P

98US-0078939P

98US-0078939P
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98US-00187368.
98WO-US024855.
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98US-0077450P.
98US-0077632P.
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98US-00218517.
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                                                                                                                                                                                                                                             The invention relates to an isolated secreted and transmembrane complypeptide, designated as PRO polypeptide. The PRO polypeptide is useful for in PRO polypeptide is useful for call thring a bioactive molecule to a cell. The PRO polypeptide is useful for antibody against it is useful for modulating a biological activity of a cell. The PRO polypeptide is useful in industrial applications including cell. The PRO polypeptide is useful in industrial applications including pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO polypeptide is useful in industrial applications including control of the proposition, colony stimulating factor and other cytokines. The PRO polypeptide is useful for treating disease such as conserve. Grancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS, campotrophic lateral sclerosis; inflammatory disease e.g. asthma, cardiovascular disease e.g. Alzheimer's disease, cardiovascular disease e.g. hypertension and cytokines disease; cardiovascular disease e.g. hypertension, bronchial composition is patent disorders e.g. premature labour and constitute disease; cardiovascular disease. The presents the amino acid sequence of a PRO polypeptide of the invention. Note: The sequence constance of a PRO polypeptide of the invention. Note: The sequence constance of a PRO polypeptide of the printed specification but was obtained in electronic format directly from USPTO at
                                                                                                                                           Query Match
Best Local S
Matches 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001WS-US006520.
22-MAR-2001; 2001US-00816744.
22-MAR-2001; 2001US-00854208.
22-MAR-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854208.
25-MAY-2001; 2001US-00872035.
01-UIN-2001; 2001US-00872035.
01-UIN-2001; 2001US-00863428.
19-UIN-2001; 2001US-00886342.
29-UIN-2001; 2001WG-US019652.
29-UIN-2001; 2001WG-US019652.
29-UIN-2001; 2001WG-US019653.
09-UIL-2001; 2001WG-US021735.
09-UIL-2001; 2001WG-US021735.
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Ferrara N, Godard A, Godard A, Godard TJ, Kuo
tt TA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, pharmaceuticals, diagnostics, biosensors and bioreactors, for modulators of receptor-ligand interactions.
                                                                                                                                                                                                                   Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2003-328499/31.
N-PSDB; ACA71759.
 61
                                   5
                                                                                                                                             l Similarity
224; Conser
                                                                                                         Н
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENENTECH INC.
                                                                                            MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
                       FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNAIDRKYLVIGDLLFSALWTFLWF 120
                                                                    MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
                                                                                                                                                                                                                   224 AA;
 FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;

J, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelt-

A, Tumas D, Williams PM, Wood WI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID
                                                                                                                                         100.0%; illarity 100.0%; l
Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NO 162;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 55pp; English.
                                                                                                                                           Score 1191; DB 6;
Pred. No. 1.4e-128;
Mismatches 0;
                                                                                                                                                                            Length
                                                                                                                                               Indels
                                                                                                                                                                                224;
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RESULT 9

ABUGING ABUGE
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27-MAR-1998
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27-MAR-1998
30-MAR-1998
30-MAR-1998
30-MAR-1998
07-OCT-1998
07-OCT-1998
07-OCT-1998
07-DCC-1998
20-NOV-1998
20-NOV-1998
20-NOV-1998
20-NOV-1998
20-NOV-1998
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30-NOV-1998
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30-MAR-1999
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10-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human; PRO polypeptide; secreted and transmembrane protein; immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia; cardiac insufficiency; nervous system disorder; kidney disorder; bone disorder; cartilage disorder; arthritis; tumour; wound healing;
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diborder; cytostatic; antidiabetic; antiinflammatory;
diborder; cytostatic; antidiabetic; antiinflammatory;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   VGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              standard;
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970S-0064249P

970S-0065311P

970S-006531P

970S-006531P

980S-0077641P

980S-0077649P

980S-0077649P

980S-0078910P

980S-0078910P

980S-0078936P

980S-0078936P

980S-0079656P

980S-0079664P

980S-0079664P
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12-APR-1999; 99US-00284291.
14-MAY-1999; 99US-00311832.
14-MAY-1999; 99US-00311832.
25-AUG-1999; 99US-00380138.
25-AUG-1999; 99US-00380138.
25-AUG-1999; 99US-00380138.
25-AUG-1999; 99US-00380138.
25-AUG-1999; 99US-00380137.
25-AUG-1999; 99WO-US032855.
16-DEC-1999; 99WO-US031243.
30-DEC-1999; 99WO-US031274.
05-JAN-2000; 2000WO-US000277.
06-JAN-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US000341.
11-MAX-2000; 2000WO-US000631.
24-FEB-2000; 2000WO-US000631.
21-MAY-2000; 2000WO-US00631.
21-MAY-2000; 2000WO-US0014941.
22-MAY-2000; 2000WO-US014941.
23-MAY-2000; 2000WO-US014942.
23-MAX-2000; 2000WO-US014942.
23-MAX-2000; 2000WO-US014942.
23-MAX-2001; 2001WO-US014942.
23-MAX-2001; 2001WO-US0152678.
23-DEC-2000; 2000WO-US017923.
23-MAX-2001; 2001WO-US01792.
23-MAX-2001; 2001WO-US01780.
25-MAX-2001; 2001WO-US01780.

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Ferrara N,
Goddard A,
Kljavin IJ,
Stewart TA,
The present invention relates to the isolation of novel human polypeptides, and the polypucleotide sequences encoding them. polypeptides are secreted and transmembrane proteins. The PRO polypeptides are useful for detecting other PRO polypeptides, bioactive molecules to cells expressing PRO polypeptides, for
                                                                                                                                                                         Novel secreted and transmembrane polypeptides and encoding them useful for treating cancer, kidney cartilage disorders and immune deficiencies
                                                                                                                                                                                                                                                                         WPI; 2003-288163/28.
N-PSDB; ABX92399.
                                                                                                                                        Claim
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Filvaroff E,
Godowski PJ,
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Tumas D
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E, Fong S, Gao W, Gerber H, Gerritsen ME;
PJ, Grimaldi JC, Gurney AL, Hillan KJ;
Napier MA, Pan J, Paoni NF, Roy MA, Shelt
Williams PM, Wood WI;
                                                                                                                                      English
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    for linking modulating
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Matches 224
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21-NOV-1997

10-MAR-1998

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CC biological activities of cells expressing PRO polypeptides, and for for contentifying agonists or antagonists. The bioactive molecule maybe a CC toxin, radiolabel or antibody, and causes apoptosis or death of the cell. CC The PRO polypeptides are useful for treating immune disorders, diabetes CC or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system CC disorders, kidney disorders, bone and cartilage disorders or arthritis, CC tumours, and wound healing. The polynucleotide sequences encoding PRO CC polypeptides are useful as hybridisation probes, in chromosome and gene CC mapping, in the generation of antisense RNA and DNA, in the preparation CC of PRO polypeptides, for generating transgenic animals or knockout CC animals, for the genetic analysis of individuals with genetic disorders, CC and in gene therapy. ABUG1071-ABUG1164 represent the human PRO CC polypeptides of the invention. Note: The sequence data for this patent CC was obtained in electronic format directly from the USPTO web site at CC seqdata.uspto.gov/psipsDIDEntry.html
24-JUN-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
                                                                                                                                                                                                                                                                                                                                                     VGECELTNOWAYTNEKDVLVGADSVRAAITESEESIESWGVLASLAYORVKAGVDDEION
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                                                                                                 standard;
                                                                                                                                                                                                                  YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY
                                                                                                                                                                                                                                                           YUDTTODPUTAYASYPGASVDNYQQPDFTQNAETTEGYQPPPVY
                                                                                                                                                                                                                                                                                                                 VGFCFLTNQWAVINEKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQN
                                                                                                                                                                                                                                                                                                                                                                                                                FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
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(first entry)
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Pred. No. 1.4e-128;
Mismatches 0;
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Human; secreted protein; transmembrane protein; PRO; malignancy; ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma; inflammatory disease; necrosis; atherosclerosis; infertility; premature aging; psoriasis; inflammatory disease; renal disease; premature aging; psoriasis; inflammatory disease; renal disease; arthritis; immune-mediated alopecia; stroke; encephalitis; hepat Homo sapiens 02-JAN-2003 US2003004102-A1 15-OCT-2001; secreted/transmembrane protein sclerosis; 2001US-00978189 97US-0062250P. 97US-0064249P. 97US-0065311P. 97US-006364P. 98US-0077450P. 98US-0077641P. 98US-0077649P. 98US-0077791P. gene PRO615

hepatitis;

cancer;

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18-FBB-2000
24-FBB-2000
01-MAR-2000
01-MAR-2000
10-MAR-2000
21-MAR-2000
21-MAR-2000
21-MAR-2000
22-MAX-2000
22-MAX-2000
22-MAX-2000
22-MAX-2000
24-AUG-2000
24-AUG-2000
24-AUG-2000
27-NOV-2000
20-DBC-2000
21-MAR-2001
22-MAR-2001
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21-MAX-2001
25-MAX-2001
25-MAX-2001
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25-DEC-1999;
02-DEC-1999;
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10-DEC-1999;
30-DEC-1999;
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12-MAR-1999;
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27-MAR-1998;
27-MAR-1998;
27-MAR-1998;
27-MAR-1998;
27-MAR-1998;
30-MAR-1998;
30-MAR-1998;
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26-JUR-1998;
07-OCT-1998;
98US-0079663P

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98US-0079768P

98US-0079768P

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98US-00105413

99US-00202054

99US-0020113

99US-003113

99US-00313

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Ashkenazi A
Ferrara N, F
Toddard A, Gou
Tyrin IJ, Kuo
Tt TA,
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05-JUN-2001; 2001US-00874503.

14-JUN-2001; 2001US-00882636.

19-JUN-2001; 2001US-00886342.

20-JUN-2001; 2001WO-US019692.

29-JUN-2001; 2001WO-US021066.

09-JUL-2001; 2001WO-US021735.

30-JUL-2001; 2001US-00918585.
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N, Filvaroff E,
A, Godowski PJ,
Kuo SS, Nap
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;, Pong S, Gao W, Gerbe.

J, Grimaldi JC, Gurney AL, Hi.

Ther MA, Pan J, Paoni NF, R
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Gerritsen ME;
                                                                                                                                                                                                                                                                  Shelton
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WPI; 2003-341189/32. N-PSDB; ACA66140. Tumas 'n Napier MA, Pa Williams PM, Ľ;

New genes and secreted and transmembrane polypeptides (e.g. PRO337 or PRO1559), useful for treating or diagnosing e.g. cancers, atheroscierosis, infertility, stroke, encephalitis, hepatitis or multiple sclerosis in mammals.

Claim 12; Fig 61; 460pp;

The invention relates to a new isolated nucleic acid molecule comprises a sequence with at least 80% identity to: (a) a nucleotide encoding any of 94 PRO polypeptides whose sequences are fully defined in the specification; or (b) any of 94 nucleotide sequences fully defined in the convergence of the properties of the full length coding sequence of any these 94 curvalentiag at least 80% positives when compared to any of the PRO polypeptide scoring at least 80% positives when compared to any of the PRO polypeptide sequences cited above (or an isolated PRO polypeptide having the properties of (c) an extracellular domain of the PRO polypeptide in the concided by the nucleotide deposited with ATCC numbers listed in the specification; (b) the PRO polypeptide, a cited sequence is peptide, a compared to any of the PRO polypeptide, or (c) an extracellular domain of the PRO polypeptide, with or cid molecule, a host cell comprising the PRO polypeptide, with or card molecule, a chimaeric molecule comprising the PRO polypeptide, with or polypeptide, a chimaeric molecule comprising the PRO polypeptide fused to a heterologous amino acid sequence and an anti-PRO antibody. The PRO polypeptides or polypeptides are useful as pharmaceuticals, or detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer, stroke, encephalitis, hepatitis, or multiple solerosis in mammals The PRO polypeptides are useful in drug screening, particularly as targets for therapeutic intervention in these diseases, and in the diagnostic determination of the presence of these accuses. The PRO polypeptides are useful as hybridisation probes, or for cidentification. The PRO genes are useful as hybridisation probes, or for also be used in gene therapy, particularly for replacing a defective gene. The present sequence represents a PRO polypeptides are

Sequence 224 AA;

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Best Local S
Matches 224
                                                                             100.0%; in Similarity 100.0%; in Similarity 100.0%; 224; Conservative 0;
                                      FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
FNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIGDLLFSALWTFLWF
                                                                               Score 1191; DB 6;
Pred. No: 1.4e-128;
; Mismatches 0;
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ADA24701  ADA24701;  XX  ADA24701;  ADA24701;  XX  ADA24701;  ADA24701;  XX  ADA24701;  ADA24701;  ADA24701;  XX  ADA24701;  ADA24701;	<b>§</b>
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Ferrara N, b
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07-JUL-1999;
26-JUL-1999;
                                                                                                    The invention describes an isolated secreted and transmembrane (PRO) polypeptide (I). PRO337 polypeptide is useful for detecting PRO4993 polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are useful for detecting PRO1559 polypeptide in a sample, and PRO159 is useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is useful for linking a bioactive molecule to a cell expressing a PRO337 polypeptide, and PRO337 is useful for linking a bioactive molecule to a cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a bioactive molecule to a cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a bioactive molecule to a cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739
                                                                                                                                                                                                                                                                          New isolated PRO polypeptides for example extracellular, secreted and membrane bound proteins, useful for modulating the biological activities of cells and for treating, for example diabetes, cancer, rheumatoid arthritis, and hearing loss.
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N-PSDB; ADA24700.
                                                                                                                                                                                                                                                   Claim
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 مبر
                                                                  Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENENTECH INC.
                          MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV 60
 MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV
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, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
J, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelto
A, Tumas D, Williams PM, Wood WI;
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2000WO-US007532
2000WO-US008439
2000WO-US013705
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2000WO-US000277
2000WO-US000356
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2000WO-US00304341
2000WO-US005044
2000WO-US005044
                                                  100.0%; Silarity 100.0%; I Conservative 0;
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2001WO-US017800.
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2001WO-US009552.
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99WO-US031274.
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                                                   Score 1191; DB 6;
Pred. No. 1.4e-128;
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Human; secreted and transmembrane protein; PRO; cell death; neur peripheral neuropathy; diabetic peripheral neuropathy; Alabetic peripheral neuropathy; Alabetic peripheral neuropathy; Alabetic peripheral neuropathy; Palacetic Protein disease; Refusum's disease; Abetalipoproteinaemia; Tangier disease; Refusum's disease; Metachromatic leukodystrophy; Fabry's disease; Pejerine-Sottas syndrome; chromosome mapping; gene mapping; gene
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      gene
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      therapy
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26-JUL-1999
29-OCT-1999
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14-MAY-1999;
14-MAY-1999;
02-JUN-1999;
16-JUN-1999;
                                                                                                                                                                                                                                                                                        Ashkenazi
Ferrara N,
Goddard A,
Kljavin I;
Stewart T/
The invention describes an isolated, secreted and transmembrane polypeptide, termed PRO polypeptide (I). (I) is useful for detecting PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for Inking a bioactive molecule to a cell expressing the above polypeptides. The bioactive molecule is a toxin, radiolabel or an antibody and causes cell death. (I) is useful as therapeutic agent, in medical and industrial applications e.g. for treating neuropathy, especially peripheral neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy, Charcot-Marie-Tooth disease, Refusum's disease, Abetalipoproteinaemia, Charcot-Marie-Tooth disease, Refusum's disease, Abetalipoproteinaemia, Charcot disease, Krabbe's disease, Metachromatic leukodystrophy, Fabry's
                                                                                                                                                                                      Novel secreted and transmembrane polypeptide for modulating biological activity of cell expressing the polypeptide, identifying agonists or antagonists of polypeptide, and as molecular weight markers.
                                                                                                                                                                                                                                                WPI; 2003-503575/47.
N-PSDB; ACD29741.
                                                                                                                                                               Claim
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N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton CTA, Tumas D, Williams PM, Wood WL;
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2000WO-US00356
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2000WO-US006319
2000WO-US0063705
2000WO-US0014042
2000WO-US014941
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99US-0134287P

99WO-US010733

99WO-US012252

99US-0141037P

99US-0142680P

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99US-0162506P

99US-0162506P

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99WO-US028551

99WO-US0312743

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99WO-US0312743
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07-MAY-1998; 07-MAY-1998; 07-MAY-1998; 13-MAY-1998;

98US-008115P 98US-0081229P 98US-0081817P 98US-00818181P 98US-0081956P 98US-0082568P 98US-0082794P 98US-0082794P 98US-0082794P 98US-0082794P 98US-0082794P 98US-0083332P 98US-0083332P 98US-0083554P 98US-0083554P 98US-0083554P 98US-0084637P 98US-0084637P 98US-0084637P 98US-0084637P 98US-0085579P 98US-0085579P 98US-0085579P 98US-0085697P 98US-0086414P 98US-0086414P 98US-0086410P 98US-0086410P 98US-0086410P 98US-0086410P 98US-0086410P 98US-0086430P 98US-0086430P 98US-0086430P 98US-0086430P 98US-00863338P 98US-00863338P 98US-00863339P 98US-0086430P 98US-0086430P 98US-0086430P 98US-0086430P 98US-0086430P 98US-00863339P 98US-00863339P 98US-0086430P 98US-0086335P 98US-0086335P 98US-0086335P 98US-0086335P 98US-0036430P 98US-0036430P 98US-0036430P 98US-0036430P 98US-0036430P 98US-0036430P 98US-0036430P 98US-0036430P 98US-0036430P 98US-013623P 98US-013623P 98US-013623P 98US-013362P 98US-013362P

29-APR-1998; 30-APR-1998; 05-MAY-1998; 06-MAY-1998; 06-MAY-1998; 07-MAY-1998; 07-MAY-1998; 07-MAY-1998;

13-MAY-1998 13-MAY-1998 13-MAY-1998 15-MAY-1998 15-MAY-1998 15-MAY-1998 15-MAY-1998 15-MAY-1998 15-MAY-1998 22-MAY-1998 22-MAY-1998 22-MAY-1998 22-MAY-1998 22-MAY-1998 22-MAY-1998 22-MAY-1998 22-MAY-1998 23-MAY-1998 24-MAY-1998 26-JUN-1998 27-MAR-1999 28-MAR-1999 28-MAR-1999 29-MAR-1999 21-MAR-1999 21-MAR-1999 21-MAR-1999 21-MAR-1999 21-MAR-1999 21-MAR-1999 21-MAR-1999 21-MAR-1999

Query Match Best Local

Similarity

100.0%;

Score 1191; DB 6; Pred. No. 1.4e-128;

Length

224;

27-MAR 1998 27-MAR 1998 27-MAR 1998 27-MAR 1998 27-MAR 1998 30-MAR 1998 30-MAR 1998 31-MAR 1998 31-MAR 1998 31-MAR 1998 31-MAR 1998 01-APR 1998 01-APR 1998		ADA12362  ADA12362  ID ADA12362;  XX  AC ADA12362;  XX  DT 06-NOV-2003 (first entry)  XX  DE Human secreted/transmembrane polypeptide PR0615.  XX  XX  XX  XX  inflammatory disease; organ failure; atherosclerosis; cardiac injury;  XX  XX  XX  Minfertility; birth defect; premature aging; AIDS; cancer;  XX  XX  XX  XX  XX  DN  VS2003055216-A1.  XX  PD  20-MAR-2003.  XX  PF  17-OCT-2001; 2001US-00978824.	Matches 224; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  Qy
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8US-001054 8US-009086 8US-009101 8US-009153 8US-01093 8US-01003 8US-01089 8US-001873 8US-001873 8US-001873 8US-001873	BUS-00853 BUS-008557 BUS-008557 BUS-008558 BUS-008568 BUS-008568 BUS-008570 BUS-008570 BUS-008671 BUS-008641 BUS-008641 BUS-008641 BUS-008648 BUS-008648 BUS-008648 BUS-008770 BUS-008770	98US-008332EP. 98US-008349EP. 98US-008349EP. 98US-008349EP. 98US-008355EP. 98US-008355EP. 98US-008355EP. 98US-008355EP. 98US-008355EP. 98US-00845EP.	NUS-0080334 NUS-0081077 NUS-00811077 NUS-0081107 NUS-0081203 NUS-0081223 NUS-0081813 NUS-0081813 NUS-0081813 NUS-008195 NUS-008195 NUS-008270 NUS-008270 NUS-008270 NUS-008270 NUS-008270 NUS-008270 NUS-008270

22-DEC-1998; 23-DEC-1998; 05-JAN-1999;

10-MAR-1999; 12-MAR-1999; 12-MAR-1999; 29-MAR-1999; 12-APR-1999; 21-APR-1999; 26-APR-1999; 28-APR-1999; 14-MAY-1999;

14-MAY-1999 14-MAY-1999

98US-0113296 98US-013621P 98US-013621P 99US-01254465 99US-0120528 99US-012055686 99WO-US005190 99US-0123957P 99US-0123957P 99US-013144291 99US-01314428P 99US-0131428P 99US-013428P 99US-013428P 99US-013428P 99US-013428P 99US-013428P 99US-013428P 99US-013428P 99US-014268P 99US-014268P 99US-014268P 99US-0142680 99US-0142680 99US-0142680 99US-0142680 99US-0162369 99US-0162369 99US-0162369 99US-0162369 99US-0162369 99US-0162369 99US-0162365 99WO-US028551

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ID ABO19
XX ABO19
XX ABO19
XX ABO19
XX ABO19
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XX Human
XW Human
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Best Local S
Matches 224
17-OCT-1997
03-NOV-1997
13-NOV-1997
21-NOV-1997
21-NOV-1997
11-WAR-1998
11-WAR-1998
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20-WAR-1998
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20-WAR-1998
25-WAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human; secreted and transmembrane protein; PRO; viral infection; tumour growth; retinal disorder; injury; sight loss; retinitis pigmentosum; age-related macular degeneration; sport-related joint problem; articular cartilage defect; osteoarthritis; rheumatoid arthritis; wound healing; obesity; diabetes; insulinaemia; kidney disorder; mesangial cell function; Bryger disease; nephropathy; celiac disease; dermattitis; Crohn disease; neuropathy; cardiac-insufficiency disorder; peripheral neuropathy; diabetic peripheral neuropathy; autonomic neuropathy; diabetic peripheral neuropathy; autonomic neuropathy; adouced mottlity of the gastrointestinal tract; atony of the urinary bladder; post polio syndrome; Krabbe's disease; Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;
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Ferrara N,
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                                                                                                                                                                                                                                                                                                                                                                                                                             16-OCT-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Refsum's disease.
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Similarity 100.0%;
24; Conservative 0
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, Filvaroff E,
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97US-0065364P.
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98US-0077643P.
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Fong S, Gao
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Pred. No. 1.4e-128;
; Mismatches 0;
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W, Gerber H,
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; 2001WC-US017092.
; 2001WC-US017092.
; 2001US-00872035.
; 2001US-00872035.
; 2001US-00874503.
; 2001US-00882636.
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Pred. No. 1.4e-128;
; Mismatches 0;
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05-JUN-2001;
14-JUN-2001;
19-JUN-2001;
20-JUN-2001;
29-JUN-2001;
09-JUL-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human; PRO polypeptide; secreted protein; transmembrane protein; cell death; neuropathy; neuropathy related disease; Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease; chromosome mapping; gene mapping; genetic disorder; septic shock; antibacterial; immunosuppressive; neuroprotective.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human PRO
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; 2001US-00886342.
; 2001WG-US021069.
; 2001WG-US021066.
; 2001WG-US0210735.
; 2001US-00918585.
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); Mismatches
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N-PSDB; ADB76383.
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 polypeptides useful
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, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
J, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton
A, Tumas D, Williams PM, Wood WI;
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for treating peripheral neuropathy,
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neuropathies associated with systemic disease such as post-polio syndrome or AIDS-associated syndrome.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The present invention relates to the isolation of novel human PRO polypeptides, and the polymuclectide sequences encoding them. The PRO polypeptides are secreted and transmembrane proteins. The PRO polypeptides are useful for detecting other PRO polypeptides, for linking bloactive molecules to cells expressing PRO polypeptides, for modulating biological activities of cells expressing PRO polypeptides, and for identifying agonists or antagonists. The bloactive molecule maybe a toxin, radiolabel or antibody, and cause cell death. The PRO polypeptides are useful for treating neuropathy and neuropathy related diseases such as Charcoc Marie-Tooth disorder, Refsum's disease, and Krabbe's disease. The polynucleotide sequences encoding PRO polypeptides are useful as hybridisation probes, in chromosome and gene mapping, in the generation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 12; Fig 61; 425pp; English.
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                                                                                                       YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY 224
                                                                                                                                                     YVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVY 224
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1145; Qy 1397	Of From Db 4 16.f For Qy 10 Contact: Db 4 1600 Qy 11 1600 Qy 11 1600 Qy 12 1600 Qy 13 1600 Qy 13 1600 Qy 13	EST 01-JUN-2003 Db 767 Homo sapiens Qy 797 Homo sapiens Qy 857 Euteleostomi; Qy 917 ; Homo Db 587 Qy 977 2943315. Qy 977	## Best Local Single Best Local Single Bost 1077;  ### BU907352 603063670  ### BU907352 603063670  ### Bu907352 603063670  ### Bu907352 603063670  ### Bu9080747  ### Bu9080345 AGENCOURT  ### Bu908030120979  ### Bu90803012097  ### Bu90803031209  ### Bu90803031200000000000000000000000000000000
AGGGGTGCCCCATGGCTCCCAGA-CTCTGTCTGTGCCGAGTGTATTATAAAATCGTGGGG 1455	GCTACTGACAAGTGCCTCAGCTTCCCCCCGGCCCGGGTCAGGCCGTGGAAGCCGCTATT  GCTACTGACAAGTGCCTCAGCTTCCCCCCCGGCCCGG	CGTGGGAACGGGGACAGAGAGGGCCCTCCCCTTGGCCTTGGACTTTTCCCATCAGCCTCTCT 796	Similarity 95.6%; Pred. No. 1.1e-168; 77; Conservative 14; Mismatches 26; Indels 10; Gaps 6; 8 CTCTTCTCAGCTCTCTGGACCTTCCTGTGGTTTGTTTGGTTCTGCTTCACCAACCA

Q D Q D Q	ORIGIN Query Match Best Local Matches 104	FEATURES SOUICE	SOURCE ORGANISM ORGANISM ORGANISM ORGANISM ORGANISM OFFERENCE AUTHORS TITLE JOURNAL COMMENT	RESULT 2 AL556634 LOCUS DEFINITION ACCESSION VERSION	מ עט
53 GGAGAGCGGGGCTACGGCGCGCCAAGGCGGCTCCTTCGACCTGCGGCGTTCCT 112  64 GGGATGCGGGGCCTACGGCGGCGCGCAAGGCGGGCTCCTTCGACCTGCGGCGCTTCCT 123  113 GACGCAGCCGCAGGTGG-TGGCGCGCGCGGGGGCGCTTCTCTCTCTCTCTCT	/Clone="CSDOROOSY124" /cell type="HELA CELLS COT 25-NORMALIZED" /cell line="HELA" /cell type="HELA" /cell line="HELA" /clone lib="Homo sapiens HELA CELLS COT 25-NORMALIZED" /note="1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized." / Match / Match 64.0%; Score 968.2; DB 9; Length 1131; Local Similarity 97.1%; Pred. No. 6.4e-163; les 1042; Conservative 6; Mismatches 19; Indels 6; Gaps 6;	Genoscope Bp 191 91 Email: se Library w Invitroge more info http://www cgi-bin/cc Feng Lian http://fu Faraday Al	Homo sapiens (human) Homo sapiens Eukaryota; Metazoa; Chordata; (Mammalia; Eutheria; Primates; 1 (Dases 1 to 1131) Li,W.B., Gruber,C., Jessee,J., Full-length cDNA libraries and Umpublished (2001) On Feb 15, 2001 this sequence Contact: Genoscope	AL556634 1131 bp mRNA linear AL556634 Homo sapiens HELA CELLS COT 25-NORMALIZED CDNA clone CSODKOO6YH24 5-PRIME, mRNA sequence. AL556634.2 GI:31278435	107 AGGGGTGCCCATGGCTCCCMSACCTCTGTCCTGTGCCGAGTGTATTATAAATCGTGGGG 48  1456 GAGATGCCCGGCCTGGGATGCTGTTTGGAGACGGAATAAATGTT 1499  47 GAGATGNCCCGGNCCTGGGNATCGTTTNMHGYCGVAATAAATGTT 1
RESULT 3 AL563019/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL COMMENT	B & B & B & B	8 8 8 8 8 8 8 8	B & B & B &	\$ \$ \$ \$	gg gg
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BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr Web: www.genoscope.cns.fr
was normalized. Library was constructed by life Technologies, a
division of Invitrogen. This sequence belongs to sequence cluster
9916.f For more information about this cluster, see
9916.f For more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seg-CSODC027CH09NP1&cluster=8916.f. Contact:
Peng Liang Email: fliang@lifetech.com URL:
http://filllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID: CSODC027CH09NP1.
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Genoscope - Centre National de Sequencage
BP 191 91006 BVRY cedex - France
Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bbi/cluster.cgi?seq=CSDD1029AC03QP1&cluster=8916.f. Contact
Feng Liang Email: fliang@lifetech.com URL:
http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
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On Feb 15, 2001 this sequence version replaced Contact: Genoscope
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Mammalia; Eutheria; Primates;
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primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and Ecor.
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Li,W.B., Gruber,C., Jessee,J. and Polayes,D. Full-length cDNA libraries and normalization Unpublished (2001)
On Feb 13, 2001 this sequence version replaced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  9316.f For more information about this cluster, see http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seq=(SODDD08DD03NP1&cluster=8916.f. C
Feng Liang Email : fliang@lifetech.com URL :
http://fulllengfh.invitrogen.com/ InvitroGen Corporation
Faraday Avenue Genoscope sequence ID : CSODD008DD03NP1.
Location/Qualifiers
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AL530639.2 GI:31068472
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: segref@genoscope.cns.fr, Web : www.genoscope.cns.fr was normalized Library was constructed by Life Technologies, a division of Invitrogen. This sequence belongs to sequence cluster
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       MATCMAAAATWACGTTRACCCMACTCCGGACCCCAAAACTGCCTACGCCTCCTTACCCAGG
                                               CATCCAGAATTACGTTGACCCCACTCCGGACCCCAACACTGCCTACGCCTCCTACCCAGG
                                                                                                                                                                                               CGGGBTGGTGGGGCCCAAYTYTKTAAGGGCASCCTTCMCCTTCAGCTTYTTTYCCWTCTT
                                                                                                                                                                                                                        CGTGCTGGTGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAGCTTCTTTTCCATCTT
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/mol_type="maNA"
/mol_type="maNA"
/db_xref="taxon:9606"
/db_xref="taxon:9606"
/clone="CoDD0008YH06"
/clone="ISD="NEUROBLASTOMA COT 50-NORMALIZED"
/clone="ISD="Homo sapiens NEUROBLASTOMA COT 50-NORMALIZED"
/note="Ist strand cDNA was primed with a NotI-oligo(dT)
primer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and Ecor V
sites of the pCMVSPORT 6 vector. Library was normalized."
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                                                                                                                                                                                                                                                                                                                                                                                    Score 956.4; DB 9;
Pred. No. 8.4e-161;
5; Mismatches 58;
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AL573537 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens CDNA Clone CSODI049YJ18 3-PRIME, mRNA sequence.
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
1 (bases 1 to 1185)
Li,W.B., Gruber.C., Jessee,J.
Full-length cDNA libraries and
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AL573537.2
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Primates;
       and
       and Polayes,D.
d normalization
                                                                          Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seq=CSODIO49DEO9NPl&cluster=8916.f. Contact
Feng Liang Email: fliang@lifetech.com URL:
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID: CSODIO49DEO9NP1.
Location/Qualifiers
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On Feb 16, 2001 this sequence version replaced
Contact: Genoscope
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/clone="Ist strand cDNA was primed with a Notroligo (dT)
/note="Ist strand cDNA was primed, double-strand cDNA was
primer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and Ecor V
sites of the pCMVSPORT 6 vector. Library was normalized."
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Pred. No. 9.9e-161;
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Eukaryota; Metazoa; Chordata; Craniata; Verrebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

ICE 1 (bases 1 to 1076)

RS Li,W.B., Gruber,C., Jessee,J. and Polayes,D.

Full-length cDNA libraries and normalization

On Feb 15, 2001 this sequence version replaced gi:12881297.

Contact: Genoscope

Genoscope - Centre National de Sequencage

Bp 191 91006 EVRY cedex - France

Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr

Library was constructed by Life Technologies, a division of

Invitrogen. This sequence belongs to sequence cluster 8916.f For

more information about this cluster, see

http://www.genoscope.cns.fr/

cgi-bbn/cluster.ggi?seq=CS001007BG12QP1&cluster=8916.f. Contact:

Feng Liang Email: fliang@lifetech.com URL:

Feng Liang Email: fliang@lifetech.com/InVitroGen Corporation 1600

Faradday Avenue Genoscope.sequence ID: CS0DI007BG12QP1.
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Best Local
    960 GAAAGGGTTTTTAGCTAGTGTTTTTCCTCGCTTTTAATGACCTCAGCCCCGCC
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/note="1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR v sites of the pCMVSPORT 6 vector. Library was normalized
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Query Ma Best Loc Matches	atch 62.6%; Score 947; DB 9; Length 1076; cal Similarity 98.8%; Pred. No. 3.9e-159; 1005; Conservative 1; Mismatches 6; Indels 5; Gaps: 5;
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ğ	64 GGGATGCGGGCCTACGGCCGGCCAAGGCGGGCGGCTCCTTCGACCTGCGGCGCTTCCT 123
g &	113 GACGCAGCCGCAGGTGGTGGGCGCGGCGGTGGTTCTCCGTCTTGATCGTGTTTCTC 172
¥	73 CTGCATCTATGGTGAGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTT
	ĠĊĀŢĊŢĀŢĠĠŢĠĀĠĠĠĊŢĀĊĀĠĊĀĀŢĠĊĊĀĊĠĀĠŢĊŢĀĀĠĊĀĠĀŢĠŢĀĊŢĠĊĠŢĠ
K	233 CAACCGCAACGAGGATGCCTGCCGCTATGGCATTGGCATCGGGGTGCTGGCCTTTCCTGGC 292
d	CGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTC
¥	293 CTCGGCCTTCTTCTTGGTGGACGGGGTATTTCCCCCAGATCAGCAACGCCACTGACCG 352
늉	TCGGCCTTCTTGGTGGTCGACGCGTATTTCCCCCCAGATCAGCAACGCCACTGAC
Σ¥.	353 CAAGTACCTGGTCATTGGTGACCTGCTCTTCTCAGCTCTCTGGACCTTCCTGTGGTTTGT 412
ъ	rgaccrgcrcrrcrcagcrcrcrggaccrrccrgrggrrrg
¥	413 TGGTTTCTTCTCACCAACCAGTGGGCAGTCACCAACCGGAAGGACGTGCTGGTGGG 472
ъ	GGTTTCTGCTTCCTCACCAACCAGTGGGCAGTCACCAACCCGAA-GACGTGCTGGTG
¥	73 GGCCGACTCTGTGAGGGCAGCCATCACCTTCAGCTTCTTTTCCATCTTCTCCCTGGGGTGT 53
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Ϋ́	533 GCTGGCCTCCCTGGCCTACCAGCGCTACAAGGCTGGCGTGGACGACTTCATCCAGAATTA 592
Ъ	CCTGGCCTACCAGCGCTACAAGGCTGGCGTGGACGACTTCATCC
Σγ	GTTGACCCCACTCCGGACCCCCAACACTGCCTACGCCTCCTACCCAGGTGCATCTGTGG
Ъ	cccaacactgcctacgcctcctacccaggtgcate
Ϋ́	653 CAACTACCAACAGCCACCCTTCACCCAGAACGCGGGGAGCCACCGAGGGGCTACCAGCCGGC 712
96	CTACCAACAGCCATTCACCCAGAACGCGGAGACCACCGAGGGCTACCAGCCGC
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9 O	CTGTGTACTGAGCGGCTTAGCGTGGGAAGGGGGACAGAGAGAG
γ	- 13
Оb	CAGCCCCTCTCTTCACCTGTTCCATC
Qy	CAGCTGACACACAGCTAAGGAGCCTCATAGCCTGGCGGGGGCTGGCAGAG
B	ACACAGCTAAGGAGCCTCATAGCCTGGCGGGGGCTGGCAGAG-CACA
Qy	CCAAGTGCCTGTGCCCAGAGGGC
8	CAAGTGCCTGTGCCCAGA-GGSTTCAGTCAGCCGCTCACTCCTCCAGGGCACTTTT
Ş	GGTTTTTAGCTAGTGTTTTTCCTCGCTTTTAATGACCTCAGCCCCGCCTGCAGTG 10
용	GGTTTTTAGCTAGTGTTTTTCCTCGCTTTTAATGACCTCAGCCCCGCCTC

\$ \$ \$ \$ \$ \$ \$ \$	Query Ma Query Ma Best Loc Matches Qy	FEATURES	Db 1  RESULT 8 AL530640 LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JCURNAL COMMENT
CGACCTGCGCGCCTTCCTGACGCAGCCGCAGGTGGTGGTGGCGGGGGCGCGGCGGCGCGTGTGCTTGGTCTT  CGACCTGCGGCGCTTCCTGACGCAGCCGCA-GTGGTGGTGGCTTGGTCTT  CGACCTGCGGGCGCTTCCTGCAGCCAGCCA-GTGGTGGCGCAGCCAATGCCCACGAGTCTAA  CGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAA  CGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAA  CGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAA  CGCAGATGTACTGCGTGTTCCAACCGCAACGAGGATGCCTGCC	/ Match Local Similarity 93.6%; Score 945.6; DB 9; Length 1201; Local Similarity 93.6%; Pred. No. 7.2e-159; Les 1013; Conservative 31; Mismatches 32; Indels 6; Gaps 6;  35 CGGCGGCGACAGGCGACATGGAGAGCGGGGCTACGGCGGCCAAGGCGGGCTCCTT 94		O20 GCTAG-AAGCCAGCAGGTGCCCATGTGCT
RI SC	29 QQ DD QQ	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2
RESULT 9 AL558892 LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL		ъ	
AL558892 AL558892 Homo sapiens T CELLS (JURKAT CELL LINE) COT 10-NORMALIZED AL558892 Homo sapiens cDNA clone CSODJOO7YOO9 5-PRIME, mRNA sequence. AL558892 AL558892.2 GI:31283025 EST. Homo sapiens (human) Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 1093) Li, W.B., Gruber, C., Jessee, J. and Polayes, D. Full-length cDNA libraries and normalization Unpublished (2001)	1054 TCAGCTICCCCCGGGCCCGGGTCAGGCCGTGGAGCCGCTATTATCTGCGTTCTCTGCCA 1113 1078 TTAACTIYCCCCCGGCCCGGGGAAGGGGKGGGGRVSGKAWTTWTTTTTTTTTTTYAAAAA 1137 1114 AA 1115  :	695 CGAGGGCTACCAGCCGCCCTGTTACTAGTGGCGGTTAGCGTTGGGGAAGGGGACAGA 754 721 CGAGGGCTACCAGCCGCCCCTGTGTWCTGAGCGGGGATAGCGTGGGAAGGGGACAGA 780 725 GAGGGCCTCCCCTCTGCCCTGGACTTTCCCATCAGCCGCGGTTAAGGAACTGGCAGACAGA	S CAGCAACGCCACTGACCGCAAAGTACCTGGTCATTGGTGACCTGCTCTTCTCAGCTCTCTGG

д. <i>Q</i>	Db Db		8 B 8	4g V	Q QQ	Db VQ	Qy	4G A	H 🗸	ORIGIN	source	FEATURES		COMMENT
569 CGTGGACGACTTCATCCAGAATTACGTTGACCCCACTCCGGACCCCAACACTGCCTACGC 628 	463 chácccahá-chácáractaghagadactartaghagadacháchácantaghagath 521 509 CTTTTCCATCTTCTCCTGGGTGTGCTGGCCTCCCTGGCCTACCAGCGCTACAAGGCTGG 568 [	TCTCTGGACCTTCCTGTGGTTTGTTGGTTTCTGCTTCCTCACCAACCA	329 CCAGATCAGCAACGCCACTGACCGCAAGTACCTGGTCATTGGTGACCTGCTCTTCTCAGC 388	269 CATCGGGGTGCTGGCCTTCCTGGCCTTCGTCTTGGTGGTCGACGCGTATTTCCC 328	209 GTCTAAGCAGATGTACTGCGTGTTCAACCGCAACGAGGATGCCTGCC	149 GGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGA 208	89 CTCCTTCGACCTGCGGCGCTTCCTGACGCAGCCGCAGGTGGTGGCGCCGCGCGCG	29 CGGCAGCGGCGACGGCGACATGGAGAGCGGGGCCTACGGCGGGCCAAGGCGGGCG	/ Match Local Similarity 94.2%; Pred. No. 2.6e-158; Les 1006; Conservative 13; Mismatches 20; Indels 29; Gaps 3;	JURK with ouble o the	<pre>1. 1093 /organism="Homo sapiens" /mol type="mRNA" /db xref="taxon:9606" /clone="CS0DJ007Y009" /cell type="T CELLS (JURKAT CELL LINE) COT 10-NORMALIZED"</pre>	http://www.genoscope.cns.fr/ cgi-bin/cluster.cgi?seq=CSDDJ007AH05QPl&cluster=8916.f. Contact : Feng-Liang Email : fliang@lifetech.com URL : http://fulllength.invitrogen.com/ InVitroGen Corporation 1600 Faraday Avenue Genoscope sequence ID : CSODJ007AH05QPl. Location/Qualifiers	Contact: Genoscope  Contact: Genoscope - Centre National de Sequencage  Genoscope - Centre National de Sequencage  BP 191 91006 EVRY cedex - France  Email: sequefégeenoscope.cns.fr, Web : www.genoscope.cns.fr  was normalized. Library was constructed by Life Technologies, a  division of Invitrogen. This sequence belongs to sequence cluster  Ag16 f For more information about this cluster sequence cluster	On Reh 15 2001 this semisone version replaced of 1200205
/Clone lib="NIH MGC 41" /note="Organ: skin; "Vector: pOTB7; Site 1: XhoI; Site /note="Organ: skin; "Vector: poTB7; Site 1: XhoI; Site EcoRI; cDNA made by oligo-dT priming. Directionally cl into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the	/mol_type="mRNA". /db xref="taxon:9606" /clone="IMAGE:5471858" /clone="IMAGE:5471858" /tlssue type="amelanotic melanoma, cell line" /tlssue type="amelanotic melanoma, cell line" /tlssue type="amelanotic melanoma, cell line"	Plate: LLCM1980 row: p column: 03 High quality sequence stop: 653. FEATURES Location/Qualifiers 1102 /organism="Homo saniens"	cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Agencourt Bioscience Corporation Clone distribution: MGC clone distribution information can found through the I.M.A.G.E. Consortium/LLNL at: http://image.llnl.gov	нно	REFERENCE 1 (bases 1 to 1031)  AUTHORS NIH-MGC http://mgc.nci.nih.gov/.  TITLE Mational Institutes of Health, Mammalian Gene Collection (MGC)  TOTRNAL Impublished (1994)		Homo sapiens cuna cione	BM550919 1031 bp	QY 1048 AGTGCCTCAGCTTCCCCCCGGGCCGGGTCAGGCCGTGGGAGCCGCTAT 1095	Qy 928 GCTCACTCCTCCAGGGCACTTTTAGGAAAGGGTTTTTAGCTAGTGTTTTTCCTCGCTTTT	Db 795 ČČČTČTČTTČÁČCTĞTŤČČAŤČČTGŤĞČAĞCŤĞAČAČAĞAĞCŤĀAĞGAĞCČTČATAĞCC QY 869 TGGCGGGGGCTGGCAĞAĞCCAĞAĞCĞCĞTĞTĞCCAĞAĞĞĞC-TTÇAĞTÇAĞÇÇ	74 73	Oy 629 CTCCTACCCAGGIGATICTGGACACACTACCACCACCCTTCACCCACAACGCGACACCTTCACCCACAACGCGGACACCCTTCACCCACAACGCGGACACCCTTCACCCACAACGCGGACACCCTTCACCCACAACACGCGGACACCCTTCACCCACAACACGCGGACACCCTTCACCCACAACACCCGACAACACCCTTCACCCACAACACCCGACAACACCCTTCACCCACAACACCCGACACCCCTTCACCCACAACACCCCTTCACCCACAACACCCCACACACCCCTTCAACCCCACCCTTCAACCCCTTCAACCCGTTCACCGTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCCTTCACCAACACCCCTTCACCAC	620

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                                                       CTGACCGCAAGTACCTGGTCATTGGTGACCTGCTCTTCTCAGCTCTCTGGACCTTCCTGT
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             CACTITTA---GGAAAGGGITTTTTAGCTAGTGTTTTTTCCTCGCTTTTTAATGACCTCAGCCC
                                            TCCATCCTGTGCAGCTGACACACAGCTAAGGAGCCTCATAGCC--TGGCGGGGGGTTGGCA
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2.4e-157;
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5', mRNA sequence.
BM220554
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Life Technologies, Inc.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLAM12781 row: 1 column: 19
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1 (bases 1 to 1093)
NIH-MGC http://mgc.nci.nih.gov/
National Institutes of Health, I
Unpublished (1999)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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  TCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCG 228
                                                                        TCCTGACGCAGCCGCAGGTGGTGGCGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGTGT
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Location/Qualifiers
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/note="Organ: pooled lung and spleen; Vector: pCMV-SPORT6;
Site 1: Not1; Site 2: EcoRV (destroyed); RNA source
anonymous pool of 24 week female lung, 16 week female
spleen, and 20-22 week male spleens. Library is oligo-dr
primed and directionally cloned (EcoRV site is destroyed
upon cloning). Average insert size 1.4 kb, insert size
range 1-3 kb. Library is normalized and enriched for
full-length clones and was constructed by C. Gruber
full-length clones and was constructed by C. Gruber
(Invitrogen). Research Genetics tracking code 026. Note:
this is a NIH_MGC Library."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol type="mRNA"
/db xref="taxon:9606"
/clone="IMAGE:5750562"
/lab_host="DH10B"
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Pred. No. 5.1e-154;
0; Mismatches 52;
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Mammalia; Eutheria;
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Primates;
     Craniata; Vertebrata; l
Catarrhini; Hominidae;
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Email: segref@genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f I
more information about this cluster, see
http://www.genoscope.cns.fr/
cg1-bin/cluster.og1?seq=CSODC019AC10NP1&cluster=8916.f. Contac
geng Liang Email: fliang@lifetech.com URL:
http://fulllength.invitrogen.com/ Invitrogen Corporation 1600
Faraday Avenue Genoscope sequence ID: CSODC019AC10NP1.
Location/Qualifiers
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Li,W.B., Gruber,C., Jessee,J. and Polayes,D.

Full-length cDNA libraries and normalization

Unpublished (2001)

On Feb 13, 2001 this sequence version replace

Contact: Genoscope

Genoscope - Centre National de Sequencage
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                                                          CCTGTTCCATCCTGTGCAGCTGACACACACACGTAAGGAGCCTCATAGCCTGGCGGGGGGCTG
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/clone_Tib="Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED"
/note="Ist strand cDNA was primed with a NotI-oligo(dT)
primer. Five prime end enriched, double-strand cDNA was
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tiber. The Company of the NotI and Ecology "
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Pred. No. 1.5e-153;
20; Mismatches 74;
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High quality sequence stop: 675.  Location/Qualifiers 1. 1047 1. 1047  / organism="Homo sapiens" / mol _type="maxxx" / db _xref="taxon:9606" / clone="fwAGE:5724324" / lab_host="DH10B"	DNA Sequencing by: Agencourt Bioscience Corporation Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: http://image.linl.gov Plate: LLAM12713 row: g column: 13  QY		RS NIH-MGC http://mgc.noi.nih.g RS NIH-MGC http://mgc.noi.nih.g National Institutes of Healt Unpublished (1999)		ION BM547376 N BM547376.1 G: DS EST.	RESULT 13  BM547376  DEFINITION AGENCOURT 6507590 NIH MGC 125 Homo sapiens cDNA clone IMAGE:5724324  D5' mRNA secuence.  OPPORTUGE 13  CQ9  CDF1N1TION AGENCOURT 6507590 NIH MGC 125 Homo sapiens cDNA clone IMAGE:5724324  D5  D5' mRNA secuence.  D5' mRNA secuence.	13 KGNNBBGGG 5 Qy	1481 TGGAGACGG 1489  Db	TCTGTCTGTGCCGAGTGTATTATAAAATCGTGGGGGAGATGCCCGGGCCTGGGATGCTGTT 1480	1361 ATTCTGCAGITGTTACTTAGGAAGCCTGGGGAGGGCAGGGGTGCCCCATGGCTCCCAGAC 1420 Db			.311 CAGGITIGCTITOCCCTGIGCCCACIGCTGIATGATCIGGGGGCCACCACCCTGIGCCGI 252 Qy  1241 GGCCTCIGGGCIGCTCCCCTGGTGAGGGCGGGGCGGGGCTGGTGCTCATGGCACCTTCCTCCT 1300 Db	CAGGTTTGCTTCCCCTGTGCCCACTGCTGTATGATCTGGGGGCCACCACCCTGTGCCGGT 1240	1121 GTGGGGGCCATCACACCTGCCCTGTGCAGCGGAGCGGAG	1061 CCCCCGGGCCCGGGTCAGGCCGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTC 1120	1001 CCGCCTGCAGTGGCTAGAAGCCAGCAGGTGCCCATGTGCTACTGACAAGTGCCTCAGCTT 1060   :  :  :  :  :  :  :  :  :  :  :  :  :	51 GSGCACITITAGGAAAGGITTITAGCIAGIGITTICCCICGCITITAAIGACCICAGCC 472
721 AGGGGGAGAGAGGGCCCCCCCCCCCCCAAGTGCCCCAGAGGCTTCAGT 980 721 AGGGGGACAGAAGAGGCCCCCCCCCCCCCCCTCCCTGCAACTTCATCATCATCCATC	684 GCGAGAGACCGAGGCTACCAGCCGCCCCTGTGTACTGAGTGGCGTTAGCGTGGAGTAGCGGAGGAGCACCGAGGGGTACCACCGAGGGCTACCAGCGCCCCCTGTGTACCGAGCGGCGGTTAGCGTGGGA 720 661 GCGGAGACCACCGAGGGCTACCAGCCCCCCTGTGTACCGAGCGGCGGTTAGCCGTGGGA 720 744 AGGGGGACAGAGAGGGCCTCCCCTTCTGCCCTTGGACTTTCCCATCAGCCTCCTGGAACTG 803	TACGCCTCCTACCCAGGTGCATCTGTGGACAACTACCAACAGCCACCCTTCACCCAGAAC	564 GCTGGCGTGGACGTCATCCAGAATTACGTTGACCCCACTCCGGACCCCAACACTCGCC 623	504 AGCTTCTTTTCCATCTTCTCCTGGGGTGTGCTGGCCTACCAGCGCTACAAG 563	444 GTCACCAACCGAAGGACGTGCTGGTGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTC 503		324 TICCCCAGAICAGCAACGCCACTGACCGCAAGTACCIGGICAITGGIGACCIGCICIIC 383	241 AGTGCCATCGGGGTGCTGGCCTTCGGCCTTCTTCTTGGTGGTCGACGCTAT 300		121 TGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGGTACAGCAATGCC 180 204 CACGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCAACGAGGATGCCTGCC	TGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCC	84 GGCGGCTCCTTCGACCTGCGGCGCGCTTCCTGACGCAGCCGCAGGTGGTGGTGGCGCGCCGTG 143	24 GECGGCGGCAGCGGCGACGGCGACATGGAGAGCGGGGCCTACGGCGGCCAAGGCG 83	l Similarity 94.6%; Pred. No. 3.7e-153; 990; Conservative 0; Mismatches 50; Indels 7; Gaps	y Match	size 2.1 kb, insert size range 1-3.5 kb. Library is normalized and enriched for full-length clones and was constructed by C. Gruber (Invitrogen). Research Genetics tracking code 036."	Site 1: EcoRV (destroyed), Site 2: Not1; RNA source pool of three ovaries, from females ranging in age from 38 to 49 yo. Library is oligo-dT primed and directionally cloned (ECORV site is destroyed upon cloning). Average insert	/c_cue_inter_writ_recl of 3); Vector: pCMV-SPORT6;

Query Match Best Local Similarity 96.2%; Pred. No. 1.5e-152; Matches 935; Conservative 6; Mismatches 30; Indels 1; Gaps 1;  Oy  506 CITCTTTTCCATCTTCCTGGGGTGTGCTGCCTGCCTGCCTACAGGC 565	Genoscope - Centre National de Sequencage  BP 191 91006 EVRY Cedex - France  Email: segref@genoscope.cns.fr, Web: www.genoscope.cns.fr Library was constructed by Life Technologies, a division of Invitrogen. This sequence belongs to sequence cluster 8916.f For more information about this cluster, see  http://www.genoscope.cns.fr/ cgi-bin/cluster.cgi?seg-CSOD1029AC03NP1&cluster=8916.f. Contact: Feng Liang Email: fliang@lifeteh.com URL: http://fulllength.invitrogen.com/ Invitrogen Corporation.1600 Faraday Avenue Genoscope sequence ID: CSOD1029AC03NP1. Location/Qualifiers  1. 1201 /mol_type="maxNa" /mol_type="maxNa" /clone="SEOD1029YEO5" /clone="CSOD1029YEO5" /clone="CSOD1029YEO5" /clone="SEOD1029YEO5" /clone="SEOD1029YE	ALS/1941/C ALS/1941 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens cDNA DEFINITION ALS/1941 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens cDNA ACCESSION ALS/1941.2 GI:31293331 VERSION ALS/1941.2 GI:31293331 KEYWORDS SOURCE Homo sapiens (human) ORGANISM Homo sapiens (chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo. AUTHORS I, W. B., Gruber, C., Jessee, J. and Polayes, D. TITLE FULL-Length cDNA libraries and normalization Unpublished (2001) COMMENT Contact; Genoscope Contact; Genoscope Contact; Genoscope	Db 841 TAACCTTGGCGGGGCTGGCAAAACCACCACCCCAAGTGCCTTGGCCAGAGGCTTTAAT 900  Oy 923 CAGCCGCTCACTCCTCCCAGGGCACTTTTAAGGT-AGTGTTTTTCC 979  Db 901 TAACCGCTCAATCCTCCAGGGAACTTTTTTAGGAAAGGGTTTTTTACCTAAGGTTTTTCC 970  OY 980 TCGCTTTTAATGACCTCAGCCCCGCCTGCAGTGGTTTTTAACCAAGGGTTTTTCCC 960  OY 980 TCGCCTTTTAATGACCTCAGCCCCGCCTGCAGTGGCTAGAAGCCAGGAGGTGCCCATG 1036  Db 961 CCCCTTTTAATGACCTCAGCCTCGAGGGGGCTAAAAACCCCCAAGGGGCCACTGG 1020  OY 1037 TGCTACTGACAAGTGCCTCAGCTTCCC 1063  Db 1021 GCCTACTTACAAATGCCTCCCCCTTTCC 1047
RESULT 15 AL546400 AL546400 AL546400 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens cDNA Clone CSODIO31YC02 5-PRIME, mRNA sequence.  ACCESSION AL546400 VERSION AL546400.2 GI:31268234 KEYWORDS SOURCE Homo sapiens (human) ORGANISM ELMATYOCIA; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  REFERENCE 1 (bases 1 to 1201) AUTHORS Li,W.B., Gruber,C., Jessee,J. and Polayes,D.	Oy  1166 TCTTGTGTCCCACTCACTCACTTCCCCTGTGCCCACTGCTATGATCTGGGGGCCA 1225  Db 312 TCTTGTGTCCCACTCACTCACTTCCCTGTGCCCACTGCTATGATCTGGGGGCCA 253  Qy 1226 CCACCCTGTGCCGGTGGCCTCTGGGCTGCCCCCGTGGTGTGAGGGCGGGGCTGCTC 1285  Db 252 CCACCCTGTGCCGGTGGCCTCTGGGCTGCCTCCCGTGGTGTGAGGGCGGGGCTGGTCC 1285  Qy 1286 ATGGCACTTCCTCCTTGCTCCCACCCCTGGCAGCAGAGGCCTTTGCCTGACACACC 1345  Db 192 ATGGCACTTCCTCCTTGCTCCCACCCCTGGCAGGAAGGGCTTTGCCTGACACACC 1345  Qy 1346 CAGCTTTATGTAAATATTCTGCAGTTGTTACTTAGGAAGGCCTGGGGAAGGCC 1405  Db 132 CAGCTTTATGTAAATATTCTGCAGTTGTTACTTAGGAAGCCTGGGGAAGGGCCAGGGGGCC 1405  Db 132 CAGCTTTATGTAAATATTCTGCAGTTGTTATTATAAAATCGTGGGGAAGGGCCGC 1465  Db 1406 CCATGGCTCCCAGACTCTGTCTGTGCCGAGTGTATTATAAAATCGTGGGGAAGATTRAAMG 13  Qy 1466 GCCTGGGATGCT 1477  Db 12 GMATGRGATGT 1	Qy 926 CCGCTCACTCCTCCAGGCACTTTTAGGAAAGGGTTTTTAGCTAGTTTTTCCTCGCTT 985	Db B51 CGCCTCCTACCCAGGTGCATCTGT-GACAACAGCCACCCTTCACCCAGAACGC 793  Oy 686 GGAGACCACCGAGGGCTACCAGCCGCCCCTGTGTACTGAGTGGCGGTTAGCGTGGGAAG 745

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cgi-bin/cluster.cgi?seq=CSODI031BB01QP1&cluster=8916.f. Contact Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600 Faraday Avenue Genoscope sequence ID : CSODI031BB01QP1.
Location/Qualifiers
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BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr, Web : www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
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CDNA clone CSODC026YD11 3-PRIME, mRNA sequence.
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http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seq=CSODC026CB06NP1&cluster=8916.f. Contact
Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID : CSODC026CB06NP1.
Location/Qualifiers
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Email: segref@genoscope.cns.fr, Web: www.genoscope.cns.fr
was normalized. Library was constructed by Life Technologies, a
division of Invitrogen. This sequence belongs to sequence cluster
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                                                                 /organism="Homo sapiens"
/mol_type="mtNAM"
/mol_type="mtNAM"
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/clone Tib="Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED"
/clone Tib="Homo sapiens"
/clone Tib="Homo sapiens"
/clone Top="Homo sapiens"
/clone
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  59.9%;
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  905.8;
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AL557237 1201 bp mRNA linear EST 31-MAY-2003 AL557237 Homo sapiens T CELLS (JURKAT CELL LINE) Homo sapiens cDNA clone CSODHO04YL10 5-PRIME, mRNA sequence.
                                                                                                                                    GTATTATAAATCGTGGGGGAGATGCCCGGCCTGGGATGCTGTTTGGAGACGGAATAA 1494
                                                                                                                GTATTATAAAATCGTGGGGAGATGCCCGGCCTGGGATGCTGTSNNADNHDDAATAAA
                                                                                                                                                                              AGCAGGGAAGGGCTTTGCCTGACAACACCCAGCTTTATGTAAATATTCTGCAGTTGTTAC 1376
                                                                                                                                                                                                                                                                                                                               GTGCCCACTGCTGTATGATCTGGGGGGCCACCACCCTGTGCCGGTGGCCTCTGGGCTGCCT
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BP 191 91006 EVRY cedex - France
BP 191 91006 EVRY cedex - France
Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr
was not normalized. Library was constructed by Life Technologies,
division of Invitrogen. This sequence belongs to sequence cluster
8916.f For more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seq=CSODH004DF05QD1&cluster=8916.f. Contact:
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 1201)

1i,W.B., Gruber, C., Jessee, J. and Polayes, D.

Full-length cDNA libraries and normalization
Unpublished (2001)

On Feb 15, 2001 this sequence version replace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Faraday Avenue Genoscope sequence ID : CSODH004DF05QP1.
Location/Qualifiers
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Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Genoscope
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                                                                                                                   ACGCGTATTTCCCCCAGATCAGCAACGCCACTGACCGCAAGTACCTGGTCATTGGTGACC
                                                                                                                                                                                                                                                                                                              GCGCCGTGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACA
                                                                                                                                                                                                                                                                                                                                                          CAAGGCGGGCGCTTCCTTCGACCTGCGGCGCTTCCTGACGCAGCCGCAGGTGGTTGGCGC
                                                                                                                                                             CAAGGCGGGCTCCTTCGACCTGCGGCGCTTCCTGACGCAGCCGCAGGTGG-TGGCGC
                                                                                                                                                                                                                                                                                                                                                                                                                     TGCTCTTCTCAGCTCTCTGGACCTTCCTGTGGTTTGTTGGTTTCTGCTTCACCAACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                        <u>AGTGGGCAGTCACCAACCCGAAGGACGTGCTGGTGGGGGGCCGACTCTGTGAGGGCAGCCA</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /cell_line="JURKAT CELL LINE".
/clone_lib="Homo sapiens T CELLS (JURKAT CELL LINE)"
/clone_lib="Homo sapiens T CELLS (JURKAT CELL LINE)"
/note="Vector: pCMVSPORT 6; lst strand cDNA was primed
with a NotI-oligo(dT) primer. Five prime end enriched,
double-strand cDNA was digested with Not I and cloned i
the Not I and ECORV sites of the pCMVSPORT 6 vector.
Library was not normalized."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /clone="CSODH004YL10"
/tissue_type="T CELLS (JURKAT CELL LINE)
/cell_line="UURKAT CELL LINE"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 905.2; DB 9;
Pred. No. 1.2e-151;
4; Mismatches 22;
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                                          Genoscope - Centre National de Sequencage
BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seq=CSODI031BB01NP1&cluster=8916.f. Contact
Feng Liang Email: fliang@llfetech.com/URL:
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID: CSODI031BB01NP1.
Location/Qualifiers
                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 1201)

Li,W.B., Gruber,C., Jessee,J. and Polayes,D.

Full-length cDNA libraries and normalization

Unpublished (2001)
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/organism="Homo sapiens"
/mol_type="mRNA"
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   CACCCCTGGCAGCAGGGAAGGGCTTTGCCTGACAACACCCAGCTTTATGTAAATATTCTG
                                                                                         GGCCCGGGTCAGGCCGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGTGGGG
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1126

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1066 481

421

1006 541

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467 GGTGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAGCTTCTTTTCCATCTTCTCCTG
                                  CCATCCTGTGCAGCTGACACACAGCTAAGGAGCCTCATAGCCTGGCGGGGGCTGGCAGAG
                                                                                                                                             CTCTGCCCTGGACTTTCCCATCAGCCTCCTGGAACTGCCAGCCCCTCTCTTTCACCTGTT
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CCATCCTGTGCAGCTAACACACAGCTAAGGAGCCTCATAGCCTGGCGGGGGGCTGGCAGAG
                                                                                                             CTCTGCCCTGGACTTTCCCATGAGCCTCCTGGAACTGCCAGCCCCTCTCTTTCACCTGTT
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/tissue_type="PLACENTA COT 25-NORMALIZED"
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primer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and EcoR v
sites of the pCMVSPORT 6 vector. Library was normalized.
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Pred. No. 1.5e-151;
lO; Mismatches 24;
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Qy 97 Db 129 Qy 157 Db 189 Qy 217 Db 249	ORIGIN  Query Match Best Local Matches 92  Qy 37  Db 69	source		L RE X	RESULT 19 AL545227 LOCUS DEFINITION ACCESSION VERSION KEYWORDS	Qy     1367       Db     120       Qy     1427       Db     60
ACCTGCGGCGCTTCCTGACGCAGCCGCAGGTGGTGGCGCGCGC	59.4%; Score 898.4; DB 9; Length 1001 Similarity 98.8%; Pred. No. 1.9e-150; 5; Conservative 1; Mismatches 7; Indels 3 GCGCCGACGCCACGTCAAGGCGGGCCTACGGCGCCAAGGCGGGCG	1. 1001 // Organism="Homo sapiens" //mol_type="mrnAn" //db_xref="taxon:9606" /clone="CS0DI028YB09" //tissue_type="PLACENTA COT 25-NORMALIZED" /clone_lib="Homo sapiens PLACENTA COT 25-NORMALIZED" /clone_lib="Homo sapiens PLACENTA COT 25-NORMALIZED" /note="1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the bcWVSPORT 6 vector. Library was normalized."	Genoscope - Centre National de Sequencage BP 191 91006 EVRY cedex - France Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr Library was constructed by Life Technologies, a division of Invitrogen. This sequence belongs to sequence cluster 8916.f For more information about this cluster, see http://www.genoscope.cns.fr/ cgi-bin/cluster.cgi?seq=CSODIO28CA05QPl&cluster=8916.f. Contact: Feng Liang Email: fliang@lifetech.com URL: http://fulllength.invitrogen.com/ InVitroGen Corporation 1600 Faraday Avenue Genoscope sequence ID: CSODIO28CA05QPl. Location/Qualifiers	Homo sapiens (human) Homo sapiens Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 1001) Li,W.B., Gruber,C., Jessee,J. and Polayes,D. Full-length cDNA libraries and normalization Unpublished (2001) Unpublished (2001) Unpublished (2001) Unpublished (2001) Unpublished (2001) Unpublished (2001)	AL545227 AL545227 Homo sapiens PLACENTA COT 25-NORWALIZED Homo sapiens cDNA clone CSODIO28YBO9 5-PRIME, mRNA sequence. AL545227 AL545227 AL545227.2 GI:31267063	CAGITGITACTTAGGAAGCCIGGGGAGGGGGGGGGGGGGG
REFERENCE AUTHORS TITLE JOURNAL COMMENT	LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM	QY S Db S QY S Db S Db S Db S RESULT 20	D D D D D	D	Q B Q B Q	70 da 40 Qy
I (bases 1 to 1201)  Li,W.B., Gruber,C., Jessee,J. and Polayes,D.  Full-length cDNA libraries and normalization  Unpublished (2001)  On Feb 15, 2001 this sequence version replaced gi:12899769.  Contact: Genoscope  Genoscope - Centre National de Sequencage  BP 191 91006 EVRY cedex - France  Email: segrefogenoscope.cns.fr, Web: www.genoscope.cns.fr  Library was constructed by Life Technologies, a division of  Invitrogen. This sequence belongs to sequence cluster 8916.f  more information about this cluster, see	AL556778 Homo sapiens HELA CELLS COT 25-NORMALIZED CDNA clone CSODXOO5YLO9 5-PRIME, mRNA sequence. AL556778 AL556778 AL556778 AL556778 AL556778.2 GI:31278579 EST. Homo sapiens (human) M Homo sapiens (human) M Homo sapiens Eukaryota, Metazoa; Chordata; Craniata; Vertebrata;	377 GCTGGCAGAGCCACACCCCAAGTGCCTGCCCCAGAGGGCTTCAGTCAG	697 AGGGCTACCAGCCGCCCCTGTGTACTGAGTGGCGGTTAGCGTGGGAAGGGGGACAGAGA	549 TCTTCTCCTGGGGTCTGCTGGCCTTCCTGGCCTACCAGGCTACAAGGCTGGCGTGGACG	397 CCTTCCTGTGGGTTTGTTGGTTTCTGCTTCCTCACCAACCA	277 TGCTGGCCTTCCTGGCCTCGGCCTTCTTCTTGGTGGTCGACGCGTATTTCCCCCAGATCA

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cgi-bin/cluster.cgi?seq=CSODX005CF05QP1&cluster=8916.f. Cggi-bin/cluster.gi?geq=CSODX005CF05QP1&cluster=8916.f. Cggi-bin/cluster.gining@fifetech.com URL:
http://fulllength.invitrogen.com/ InVitroGen Corporation Faraday Avenue Genoscope sequence ID: CSODX005CF05QP1.
Location/Qualifiers
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Li,W.B., Gruber,C., Jessee,J. and Polayes,D.

Full-length cDNA libraries and normalization

Unpublished (2001)

On Feb 16, 2001 this sequence version replaced gi:12933514.

Contact: Genoscope
Genoscope - Centre National de Sequencage

BP 191 91006 ENAY cedex - France

Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see

http://www.genoscope.cns.fr/
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1 (bases 1 to 1100)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                 Similarity
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TTTCCATCTTCTCCTGGGGTGTGCTGGCCTCCCTGGCCTACCAGCGCTACAAGGCTGGCG
                                                                                                    ACCCGAAGGACGTGCTGGGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAGCTTCT
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/mol type="mRNA"
/mol type="mRNA"
/db xref="reaxon:9606"
/clone="CSODIO54YK18"
/tissue_type="PLACENTA COT 25-NORMALIZED"
/clone Tib="Homo sapiens PLACENTA COT 25-NORMALIZED"
/clone Tib="Homo sapiens PLACENTA COT 25-NORMALIZED"
/note="Ist strand cDNA was primed with a NotI-cligo(dT)
/note="Ist strand cDNA was primed, double-strand cDNA was
digested with Not I and cloned into the Not I and ECOR V
sites of the pCMVSPORT 6 vector. Library was normalized.
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8; Mismatches 28;
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Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f
more information about this cluster, see
http://www.genoscope.cns.fr/
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Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
Faradday Avenue Genoscope sequence ID : CSDDI009BE02NP1.
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                                          Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bin/cluster.cgi?seq=CSODC027CH09Op1&cluster=8916.f. Contact
Feng Liang Email: fliang@lifetech.com URL:
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID: CSODC027CH09Op1.
Location/Qualifiers
                                                                                                                                                                                                On Feb 13, 2001 this sequence version replaced Contact: Genoscope Genoscope - Centre National de Sequencage BP 191 91006 EVRY cedex - France
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AL527971 Homo sapiens NEUNOBLASTOMA COT 25-NORMALIZED Homo sapiens
cDNA clone CSODC027YP17 5-PRIME, mRNA sequence.
AL527971
AL527971.2 GI:31065822
                                                                                                                                                                                                                                                          Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
1 (bases 1 to 1201)
Li W.B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
Unpublished (2001)
                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
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/organism="Homo sapiens"
/mol_type="mRNA"
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                                                                                                                          GGAAGGGGGACAGAGAGGGCCCTCCCCTCTGCCCTGGACTTTCCCATGAGCCTCCTGGAA
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/tissue_type="NEUROBLASTOMA_COT_25-NORMALIZED"
/clone_Tib="Homo sapiens NEUROBLASTOMA_COT_25-NORMALIZED"
/note="1st strand cDNA was primed with a NotI-oligo(dT)
primer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and ECOR V
sites of the pCMVSPORT 6 vector. Library was normalized."
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Query Match Best Local Matches 94  Qy 318  Db 1  Qy 378  Qy 378  Qy 438  Db 61  Qy 438	COMMENT FEATURES BOUICE ORIGIN	Qy  Qy  QY  RESULT 24 RESU
atch cal Similar: 945; Con 318 GCGTATT 1 GCGTATT 1 GCGTATT 1 GCGTATT 4 CTCTTCT 4 CTCTT	Contact: Robert Strausberg, Ph Email: cgapbs-r@mail.nih.gov Tissue procurement: Life Techn, cDNA Library Preparation: Life CDNA Library Preparation: Life CDNA Library Arrayed by: The DNA Sequencing by: Agencourt Clone distribution: MGC clone found through the I.M.A.G.E. C. http://image.linl.gov Plate: LLAM12806 row: k colu High quality sequence stop: 70: Location/Qualifiers 1981 //clone="location/Qualifiers //clone="taxon: 9606" //clone="taxon: 9606" //clone="IMAGE: 5760126 //lab host="bH108" //clone="Torgan: pooled of the procure anonymous pool female, 71 yo male co. stomacts, 62 yo male co. oligo-dT primed and destroyed upon cloning insert size range: 1.3 genriched for full-leng Gruber (Invitrogen). 023. Note: this is a 1	921 GTCAGCCGCTCACTCCTCCAGGGCACTTTTAGGAAAGGGTTTTTAGCTAGTGTTTTTCCT 980  921 GTCAGCTGCTCACTCCTCCAGGGCACTTTTAGGAAAGGGTTTTTAGCTAGTGTTTTTCT 1048  981 CGCTTTTAATGACTCAGCCC 1001
RESULT 25 AL574399/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2
AL574399 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens CDNA clone CS001058Y103 3-PRIME, mRNA sequence.  AL574399 Homo sapiens CDNA al574399  AL574399  AL574399  ALF74399  ALF74399  ALF74399.2 GI:31312717  EST.  Homo sapiens (human)  Homo sapiens (human)  Homo sapiens (buman)  Eukaryotta, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  1 (bases 1 to 1139)  Li, W. B., Gruber, C., Jessee, J. and Polayes, D.  Full-length cDNA libraries and normalization	SOUTH AT THE CONSIDERATION OF STREET	ACCITCAGCITCTTTTCCATCITCTCTGGGGTTGTGCTGGCCTACCAGGGGGGGGGG

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COMMENT
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Feng Liang Email : filang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID : CSODIO58AE02NP1.
Location/Qualifiers
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BP 191 91006 EVRY cedex - France
Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
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On Feb 16, 2001 this sequence version replaced gi:12934570.
Contact: Genoscope
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  CCCCGGCCCGGGTCAGGCCGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGT
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                                                                                                                                                                              GCACTTTTAGGAAAGGGTT
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/clone_Tib="Homo sapiens PLACENTA COT 25-NORMALIZED"
/clone_Tist strand cDNA was primed with a NotI-oligo(dT)
/note="Ist strand cDNA was primed with a NotI-oligo(dT)
primer. Flve prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and EcoR V
sites of the pCMVSPORT 6 vector. Library was normalized."
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Pred. No. 4.5e-148;
5; Mismatches 48;
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                                                                                                                                                                                                                                                                                                                            cgi-bin/cluster.cgi?seq=CS0bC012CD04QP1&cluster=8916.f. Contact
Feng Liang Email : filang@lifetech.com URL :
http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID : CS0DC012CD04QP1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                         BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f
more information about this cluster, see
http://www.genoscope.cns.fr/
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Li,W.B., Gruber,C., Jessee,J. and Polayes,D.
Full-length cDNA libraries and normalization
Unpublished (2001)
On Feb 13, 2001 this sequence version replaced
Contact: Genoscope
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AL525578 Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED Homo sapiens CDNA clone CSODC012YH07 5-PRIME, mRNA sequence.

AL525578 AL525578 GI:31063442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
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Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EST
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/tissue_type="WEUROSLASTOMA COT 25-NORMALIZED"
/clone Ilb="Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED"
/clone Ilb="Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED"
/note="1st strand cDNA was primed with a NotI-oligo (dT)
primer. Five prime end enriched, double-strand cDNA was
grimer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and EGR V
sites of the pCMVSPORT 6 vector. Library was normalized."
                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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57.5%;
95.1%;
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Primates;
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868.8; DB 9;
No. 3.9e-145;
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                     Length 1201;
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RESULT 27 AL549812	Qy 921 GTCAGCCGCTCAGTCCTCCAGGGCACTTTTAGGAAAGGGTTTTTAGCTAGTGTTTTTCCT   :	61 89	8 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6 6 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Qy 502 TCAGCTTCTTTTCCATCTTCTCCTGGGTGTGCCTGGCCTCCCTGGCCTACCAGCGCTACA	QY 382 TETCAGCTETEGGACCTTCCTGTGGTTTGTTGGTTTCTGCTTCCTCACCAACCA	Oy 262 GCAGTGCCATCGGGGTGCTGGCCTTCCTTGGTGGTCGTCGGTCG	OY  142 TGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATG	934 22 49 82
W	980	Db 155 GCGCGCCGCCGTGTGCTTTGATCGTGTTCTCCTGCATCTATGGTGAGGGC  888  Qy 192 TACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGGTGTTCAACCGCAACGAGGATGCC  920	Db   35 GCAGGCTGTACCGGGAATTCCCGGGATCGGCGACACGAGGCGGGCTACGGC 94   10   10   10   10   10   10   10   1	648 681 708	561 / S88 # # # # # # # # # # # # # # # # # #	441 FEATURES Faraday A 468 Source 501 528	321 Email: segref@genoscope.cns.fr, Web: www.ger Library was constructed by Life Technologies, 348 Invitrogen. This sequence belongs to sequence more information about this cluster, see http://www.genoscope.cns.fr/ ggi-bin/cluster.geq=CSODIO54BF09QPl&clust cgi-bin/cluster.geq=CSODIO54BF09QPl&clust fent./fsillength invitrogen.com/ Invitrogen http://www.genoscope.cns.fr/ This progen com/ Invitrogen.com/ Invitrogen http://www.genoscope.cns.fr/ respectively.genoscope.cns.fr/ This progen com/ Invitrogen.com/ Invitrogen http://www.genoscope.cns.fr/ This progen com/ Invitrogen.com/ Invitrogen http://www.genoscope.cns.fr/ This progen com/ Invitrogen.com/ Invitrogen http://www.genoscope.cns.fr/ This progen.com/ Invitrogen.com/ Invitrogen http://www.genoscope.cns.fr/ This progen.com/ Invitrogen http://www.genoscope.cns.fr/ This progen http://www.genoscope.cns.fr/ This prog	201 REFERENCE AUTHORS 228. TITLE JOURNAL 261 COMMENT	LOCUS   AL549812   1134 bp mRNA   linear EST 31-MAY-2003     Clane CS0D1054YK18 5-PRIME, mRNA sequence.   AL549812   VERSION   AL549812   GI:31271630     CCAAGG 108   CEYMORDS EST.   SOURCE   Homo sapiens (human)     CGCGCCG 168   CRGANISM   Homo sapiens (human)     CRGANISM   Ho

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                                                                                                                                               Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Life Technologies, Inc.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
plate: LLAM12798 row: n column: 03
                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 1069)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished (1999)
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AGENCOURT 6631909 NIH MGC_118
5', mRNA sequence.
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High quality sequence stop: 669.
Location/Qualifiers
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ATGGAGAGCGGGGCCTACGGCGCGCCCAAGGCGGCGCGCTCCTTCGACCTGCGGCGCTTC ATGGAGAGCGGGGCCTACGGCGCGGCCAAGGCGGGCGCTCCTTCGACCTGCGGCGCTTC /Glone lib="NIH MGC_118"
/note="Vector: pCNV-SPORT6; Site 1: Not1; Site 2: EcoRV (note="Vector: pCNV-SPORT6; Site 1: Not1; Site 2: EcoRV (destroyed); RNA source leukocytes from anonymous pool of non-activated adult donors. Library is oligo-dT primed and directionally cloned (EcoRV site is destroyed upon cloning). Average insert size 1.7 kb, insert size range 1.2-3.3 kb. Library is normalized and enriched for full-length clones and was constructed by C. Gruber (Invirrogen). Research Genetics tracking code 027. Note: Indels Length 9. Gaps 80 110 ω

170

Query Ma Best Loc Matches Qy Db Db	FEATURES SOURCE	ACCESSION VERSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL COMMENT	Db  Qy  Db  Db  Db  Db  RESULT 29  RESULT 29  RESULT 29  RESULT 29
Match Local Similarity 94.3%; Pred. No. 1.3e-143; Les 931; Conservative 4; Mismatches 44; Indels 8; Gaps 4;  22 GGGCGGCGGCGGCGGCGGCGACAGGACAGGAGGCCTACGGCGCGAGGGGCCAAGG 37 GGGATCGGCGACCGGCGACCGTCCTGAACGCAGGCGAGGTGGTGGCCGAAGG 82 CGGGCGGCTCCTTCGACCTGCGGCGCTTCCTGACGCAGGTGGTGGTGGCGCGCCGCGCGCG	BP 191 91006 EVRY cedex - Frant Email: segref@genoscope.cns.fr Library was constructed by Lift Invitrogen. This sequence beloo more information about this cli http://www.genoscope.cns.fr/ ggi-bin/cluster.cgi?seq=CSDDIO: Feng Liang Email: fliang@life: http://filllength.invitrogen.oc Faraday Avenue Genoscope seque: Location/Quallifiers 1.1201 /organism="Homo sapie: /db_xref="taxon:9606" /clone="CSODIO80YG18" /tissue_Type="piAcCENTy" /clone="Ib="Homo sapie: /note="Ib="Homo sapie: /note="Ist strand cDN/ primer. Five prime end digested with Not I as sites of the pCMVSPOR:	N EX382425 Homo sapiens PLACENTA COT clone CSODIO80YG18 5-PRIME, mRNA se BX382425.1 GI:30439927 EST. Homo sapiens (human) Homo sapiens Eukaryota; Metazoa; Chordata; Crani Mammalia; Eutheria; Primates; Catar 1 (bases 1 to 1201) Li,W.B., Gruber,C., Jessee,J. and F Full-length cDNA libraries and norm Unpublished (2001) Contact: Genoscope Genoscope - Centre National de Sequence of the contact of t	
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BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
nore information about this cluster, see
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Contact: Genoscope
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/tissue_type="NEUROBLASTOMA COT 25-NORMALIZED"
/clone_Tib="Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED"
/note="Ist strand cDNA was primed with a NotI-oligo(dT)
primer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and Ecor V
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cgi-bin/cluster.cgi?seq=CSODIO58AE02QP1&cluster=8916.f. Contact
Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
Faraday Avenue Genoscope sequence ID : CSODIO58AE02QP1.
Location/Qualifiers
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On Feb 15, 2001 this sequence version replaced Contact: Genoscope
Genoscope - Centre National de Sequencage
BP 191 91006 EVRY cedex - France
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/clone_lib="Homo sapiens PLACENTA COT 25-NORMALIZED"
/note="Ist strand cDNA was prined with a NotI-oligo(dT)
primer. Five prime end enriched, double-strand cDNA was
digested with Not I and cloned into the Not I and EcoR V
sites of the pCMVSPORT 6 vector. Library was normalized."
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/mol_type="mRNA"
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Score 858; DB 9; 1
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cDNA Library Arrayed by: The I.M.A.G.E. Consortium
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLAM12230 row: c column: 04
High quality sequence stop: 665.
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1 (bases 1 to 1095)

NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
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EST.
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Tissue Procurement: ATCC/DCTD/DTP
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Site_2: Sal1; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 2 kb. Library constructed by Life
Technologies."
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Pred. No. 3.8e-143;
0; Mismatches 59;
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Jibrary Preparation: Invibrary Arrayed by: The squencing by: Agencourt distribution: MGC clone hrough the I.M.A.G.E. ('image.linl.gov' e columniate of the I.M.A.G.E. ('coation/Qualifiers' 1.963 'organism="Homo Bapie'/mol_type="mRNA" '/db xref="taxon:9606" /clone="IMAGE.6720177 /cell_line="ZR-75-1, hTERT-HMEI, LNCAP" /lab_host="EMDH10B" /clone_lib="MAPCL"	CA488420 CA488420 CA488420 CA488420 CA488420  DEFINITION ACENCOURT_10809074 MAPCL Homo sapiens cDNA clone IMAGE:6720177 5',  mRNA sequence. CA488420  CA488420  CA488420  CA4884201  GI:24950252  KEYWORDS SCURCE  ORGANISM Homo sapiens (human)  SCURCE  ORGANISM Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  AUTHORS NATIONA  NATIONA  NATIONA  NATIONA  NATIONA  Institutes of Health, Mammalian Gene Collection (MGC) COMMENT  Email: cgapbs r@mail.nih.gov  Tissue Procurement: Kristi A. Egland, Ira Pastan	Db 481 TITITCTGCGTTTTAATGACCTCAGCTGCAGTGCAGTAGAAAGCCTGAGAAAGCCTGCAAAAGCCTGCAAAAGCCTGCAGTGCAAAAGCCTGAGAAAGCCAGAAAGCCAGAAAGCCAGAAAGCCAGACAAGTGCC 1092 Db 1033 CATGTGCTAACTGACAAAGTGCCTCAGCTTCCCCCGGCCCGGGCCCGGCCCGGCCGG
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	301 TACCTGGTCA 417 THOTGCTTGG 417 THOTGCTTCC 361 THOTGCTTCC 477 GACTCTGTGA 421 GACTCTGTGA 537 GCCTCCCTGG 537 GCCTCCCTGG 597 GACCCCACTC 597 GACCCCACTC 591 GACCCCACTC 597 TACCAACAGC	/no Sub- Direction / no Sub- Direction / no Kri- Kri- Kri- Kri- March Guery Match Best Local Similarity Matches 911; Conserv. / 117 CAGCCGCAGG 117 ATCTATGGTG 177 ATCTATGGTGG 177 ATCTATCTTCTTCT 297 GCCTTCTTCT 297 GCCTTCTTCTTCT 297 GCCTTCTTCTTCT 297 GCCTTCTTCTTCTTCTTGTGGGGGGGGGGGGGGGGGGG

note="Vector: pCMV-SPORT6; Site_1: EcoRV; Site_2: Not I; ubtracted with brain, liver, lung, kidney and muscle-irectionally cloned. Priming method: oligo-dT. Average nsert size: 1800 bp. Library amplification: 26,000 fold. risti A. Egland, James J. Vincent, Robert Strausberg, ungkook Lee & Ira Pastan: Discovery of new breast ancer genes encoding membrane and secreted proteins. anuscript submitted."

56.6%; Y 95.7%; rvative 0 :ccatcagctcctggaactgccagcccctcttttcacctgttccatcctg CACCCTTCACCCAGAACGCGGAGACCCACCGAGGCCTACCAGCCGCCCCT CCGGACCCCAACACTGCCTACGCCTCCTACGCCAGGTGCATCTGTGGACAAC TIGGIGGICGACGCGIAITICCCCCAGAICAGCAACGCCACIGACCGCAAG SEATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTCCTGGCCTCG .cacacagctaaggag----cctcatagcctggcgggggctggcagaggccaca igeetaceagegetacaaggetggeegtggaegaetteateeagaattaegtt GCCTACCAGCGCTACAAGGCTGGCGTGGACGACTTCATCCAGAATTACGTT | CTCACCAACCAGTGGGCAGTCACCAACCCGAAGGACGTGCTGGTGGGGGGCC GAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAAC kérédrédecécécécéréréctrédretrédectrédatelretrétectée ATGGTGGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGC TACGGCGCGGCCAAGGCGGGCGGCTCCTTCGACCTGCGGCGCCTTCCTGACG CCTGTGCCCANAAGGCTTCAGTCAGCCGCTCACTCCTCAGGCCACTTTTTA CACACAGCTTAAGAGCTCCTTTANCCCGGGCGGGGGGGCTGGCAGAGCCACA ĠĊĠĠĊĠĠŦŦĸĸĠĊĠŦĠĠĠĸĸĸĠĠĠĠĠĠĸĊĸĠĸĠĸĠĠĠĊĊĊŦĊĊĊĊŢĊŦĠĊĊĊ ccaccerreacecagaacecegaaaaceaceaacegaceaceaceceee a de de carea de contra de la composição AGGGCAGCCATCACCTTCAGCTTCTTTTCCATCTTCTCCTGGGGTGTGCTG GAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAAC Score 855.2; DB 14; Length 963; Pred. No. 9.9e-143; 0; Mismatches 35; Indels 6; Indels 6; Gaps 116 951 600 540 596 476 416 120 176 891 834 774 660 716 656 480 536 420 360 300 356 240 296 180 236 60 900 840 780 720

Qy 47 CGACATGGAGAGCGGGGCCTACGGCGGCCAAGGCGGGCTCCTTCGACCTGCGGCG 106	Query Match  56.5%; Score 854.6; DB 12; Length 1137;  Best Local Similarity 93.4%; Pred. No. 1.3e-142;  Matches 970; Conservative 0; Mismatches 55; Indels 13; Gaps 7;	CDNA Library Preparation. Life Technologies, Inc.  CDNA Library Preparation. Life Technologies, Inc.  CDNA Library Preparation. Life Technologies, Inc.  CDNA Library Preparation. Life Technologies.  DNA Sequencing by: Agencourt Bioscience Corporation  Clone distribution: MGC Clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:  http://image.llnl.gov  Plate: LLAM12126 row: n column: 05  High quality sequence stop: 648.  Location/Qualifiers  Source  /organism="Homo sapiens" /nol type="mRNA" /db_ref="taxon:9606" /clone="IMAGE:5497156" /tissue_type="nlymphoma, cell line" /fissue_type="nlymphoma, cell line" /fissue_type="nlymphoma, cell line" /flab_host="Drigan: lymph; Vector: pCMV-SPORT6; Site_1: Not1; Site_2: Sall; Cloned unidirectionally; oligo-dT primed. Average insert size 1.867 kb. Library enriched for full-length clones and constructed by Life Technologies.  Note: this is a NIH_MGC Library."	
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Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f For
more information about this cluster, see
http://www.genoscope.cns.fr/
cgi-bin/cluster.ggi?seq=CGODKO10AH07QPl&cluster=8916.f. Contact:
Feng Liang Email: fliang@lifetech.com URL:
http://fulllength.invitrogen.com/ Invitroden Corporation 1600
Faraday Avenue Genoscope sequence ID: CSODKO10AH07QPl.
Location/Qualifiers
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NIH-MCC http://mco.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished (1999)
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agenourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://inage.llnl.gov
Plate: LicM2882 row: o column: 18
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   quality sequence stop: 646
                                                                         Conservative
                                                                                                                                                           /clone="IMAGE:664546"
/tissue_type="teratocarcinoma, cell line"
/tissue_type="teratocarcinoma, cell line"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 109"
/clone_lib="NIH MGC 109"
/note="Torgan: ovary; Vector: pOTP7; Site_1: EcoRI; Site_2: Xhol; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/Xhol sites using the following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cNNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC Library."
                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                         55.5%;
                                                                         Score 839; DB
Pred. No. 7.7e
0; Mismatches
                                                                         0;
                                                                                         839; DB 13;
No. 7.7e-140;
                                                                                                                 919;
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В

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Homo

For

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RESULT 37
BX370800
LOCUS
                                                      ACCESSION
VERSION
KEYWORDS
                  SOURCE
ORGANISM
                                                                                                                                      DEFINITION
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                Homo
                                                        Homo sapiens cDNA clone
BX370800
BX370800.1 GI:30453957
EST.
                                                                                                               BX370800 935 bp mRNA linear EST 08-MAY-2003
BX370800 Homo sapiens B CELLS (RAMOS CELL LINE) CCT 25-NORMALIZED
Homo sapiens cDNA clone CSODL012YE15 5-PRIME, mRNA sequence.
Eukaryota; Metazoa;
                                       Omo
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Best Local Similarity
Matches 866; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f
more information about this cluster, see
http://www.genoscope.cns.fr/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mammalia; Eutheria; Primates; Catarrhini;

1 (bases 1 to 935)
Li.W.B. Gruber,C., Jessee,J. and Polayes,
Full-length cDNA libraries and normalizati
Unpublished (2001)
Contact: Genoscope
Genoscope - Centre National de Sequencage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ACTGAGTGGCGGTTAGCGTGGGAAGGGGGACAGAGAGGGCCCTCCCCCTCTGCCCTGGACT
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                                              CGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGTGGGGGCCCATCACACCTGC 1140
                                                                                                                       CCAGCAGGTGCCCATGTGCTACTGACAAGTGCCTCAGCTTCCCCCCGGGCCCGGGTCAGGC 1080
                                                                                                                                                                                                                    TITIAGCTAGIGITITICCTCGCTTTTAATGACCTCAGCCCCGCCTGCAGTGGCTAGAAG 1020
                                                                                                                                                                                                                                                                              CCTGTGCCCAGAGGGCTTCAGTCAGCCGCTCACTCCCAGGGCACTTTTAGGAAAGGGT 960
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /clone="CSODL012YE15"
/cell type="B CELL (RAMOS CELL LINE) COT 25-NORMALIZED"
/cell_line="RAMOS CELL LINE"
/clone_lib="Homo septens B CELLS (RAMOS CELL LINE) COT 25-NORMALIZED"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="CSODL012YE15"
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Pred. No. 1.1e-139;
0; Mismatches 36;
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Email: sequence belongs to sequence cluster 8916.f For Invitrogen. This sequence belongs to sequence cluster 8916.f For more information about this cluster, see http://www.genoscope.cns.fr/cgi-bin/cluster.cgi?seq=CSDDIO07BG12NP1&cluster=8916.f. Contact: Feng Liang Email: fliang@lifetech.com URL: http://fulllength.invitrogen.com/InVitroGen Corporation 1600 Faraday Avenue Genoscope sequence ID: CSODIO07BG12NP1. Location/Qualifiers  1. 1035  Source /organism="Homo sapiens" /db_xref="taxon:9606" /clone="CSODIO07TBG12NP1." /db_xref="taxon:9606" /clone="CSODIO07TBG12NPA" /clone="CSODIO07TBG12NPA" /clone="CSODIO07TBG12NPA" /clone="Taxon:9606" /c		Qy 1141 CCTGTGCAGCGGAGCCGGACCAGGCTCTTGTGTCCTCACTCA
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLAM12759 row: e column: 03
High quality sequence stop: 677.
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini;
1 (Dases 1 to 1098)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian
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Tissue Procurement: Life Technologies,
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/db xref="taxon:9606"
/clone="IMAGE:5741930"
/tissue_type="medulla"
/lab_host="DH10B"
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/rote="forgan: brain; Vector: pCMV-SPORT6; Site_1: Not1;
Site_2: ECORV (destroyed); RNA source normal medulla from anonymous male age 27. Library is oligo-dT primed and directionally cloned (EcoRV site is destroyed upon cloning). Average insert size 1.3 kb, insert size range 0.9-3 kb. Library is normalized and enriched for full-length clones and was constructed by C. Gruber (Invitrogen). Research Genetics tracking code 013. Note: this is a NIH_MGC Library."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 1112)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished (1999)

Contact: Robert Strauberg, Ph.D.
                                                                                                                                                                                                                                                                 BM924646 1112 bp mRNA linear EST 12-MAR-2002 AGENCOURT 6653943 NIH_MGC_116 Homo sapiens cDNA clone IMAGE:5761053 5', mRNA sequence.

BM924646 BM924646 GI:19375025
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Life Technologies, Inc.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
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FEATURES

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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /clone lib="NIH MGC 116"
//clone lib="NIH MGC 116"
//note="Organ: pooled colon, kidney, stomach; Vector:
//note="Organ: pooled colon, kidney, stomach; Vector:
pCMV-SPORT6; Site_1: NotI; Site_2: EcoRV (destroyed); RNA
source anonymous pool of 3 colons, age 26 yo male, 49 yo
female, 71 yo male colon; 46 yo male kidney, and pool of 2
stomacchs, 62 yo male and 70 yo female. Library is
oligo-dT primed and directionally cloned (EcoRV site is
destroyed upon cloning). Average insert size 1.4 kb,
insert size range 1-3 kb. Library is sourmalized and
enriched for full-length clones and was constructed by C.
Gruber (Invitrogen). Research Genetics tracking code
023. Note: this is a NIH_MGC Library."
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:5761053"
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Pred. No. 6.4e-138;
D; Mismatches 56;
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia: Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AL542882
5-PRIME,
AL542882
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cgi-bin/cluster-cgi?geq=CS0DE013CB11QP1&cluster=8916.f. Conta-
cgi-bin/cluster.cgi?geq=CS0DE013CB11QP1&cluster=8916.f. Conta-
cgi-bin/cluster.cgi?geq=CS0DE013CB16.f. Conta-
feng Liang Email : filang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroden Corporation 1600
faraday Avenue Genoscope sequence ID : CS0DE013CB11QP1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genoscope - Centre National de Sequencage
BP 191 91006 EVRY cedex - France
Email: segref@genoscope.cns.fr, Web: www.genoscope.cns.fr
Library was constructed by Life Technologies, a division of
Invitrogen. This sequence belongs to sequence cluster 8916.f
more information about this cluster, see
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 920)
Li,W.B., Gruber,C., Jessee,J. and Polayes,D.
Full-length cDNA libraries and normalization
Unpublished (2001)
On Feb 15, 2001 this sequence version replaced
Contact: Genoscope
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EST.
                   Similarity
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54.6%;
ilarity 99.2%;
Conservative
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                                                                                                   /tissue_type="PIACENTA"
/clone Tib="Homo sapiens PLACENTA"
/clone Tib="Homo sapiens PLACENTA"
/note="Vector: pcfwySpOrT 6; 1st strand cDNA was primed
with a NotI-oligo(dT) primer. Five prime end enriched,
double-strand cDNA was digested with Not I and cloned
the Not I and EconV sites of the pcMVSPORT 6 vector.
Library was not normalized."
                                                                                                                                                                                                                                                   /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="CS0DE013YD21"
                                                                                                                                                                                                                                                                                                              organism="Homo sapiens"
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  Score 826; DB 9;
Pred. No. 1.6e-137;
0; Mismatches 5;
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sapiens cDNA clone CS0DE013YD21
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                                                                                     1076 bp
AGENCOURT_6702297 NIH_MGC_41 Homo
5', mRNA sequence.
BM914997
BM914997.1 GI:19365376
EST.
                                          Homo sapiens
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cDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLN
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information
found through the I.M.A.G.B. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2005 row: b column: 02
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NIH-MGC http://mgc.noi.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
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Tissue Procurement: DCTD/DTP
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TTCTTTTCCATCTTCTCCTGGGGTGTGCTGGCCTGCCTGGCCTACCAGCGCTACAAGGCT
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/clome lib="NIH MGC_
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/clone="IMAGE:5481121"
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Pred. No. 4.6e-137;
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information ca
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2765 row: m column: 18
High quality sequence stop: 676.
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Tissue Procurement: DCTD/DTP
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National Institutes of Health, Mammalian
Unpublished (1999)
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1. (bases 1 to 894)
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/clone lib="NHH MCC 40"
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REFERENCE AUTHORS TITLE JOURNAL

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Best Local
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Tissue Procurement: Life Technologies, Inc.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
plate: LLAM12816 row: e_column: 05
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BM925611
BM925611.1 GI:193
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1 (bases 1 to 1027)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian
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Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                      GCAGGTGGTGGCGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTA
CTTCCTCACCAACCAGTGGGCAGTCACCAACCCGAAGGACGTGCTGGTGGGGGGCCGACTC
                                                                                                                                                                  CTTCTTGGTGGTCGACGCGTATTTCCCCCAGATCAGCAACGCCACTGACCGCAAGTACCT
                                                                                                                                                                                                                         CGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTCCTGGCCTCGGCCTT
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                                                                                                     GGTCATTGGTGACCTGCTCTTCTCAGCTCTCTGGACCTTCCTGTGGTTTGTTGGTTTCTG
                                                                                                                                                                                                                                                                                                    TGGTGAGGGGTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
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/mol type="mrNA"
/db_xref="taxon:9606"
/db_xref="taxon:9606"
/db_xref="taxon:9606"
/clome="IMAGE:5763820"
/lab host="DH10B"
/clome="Ih="NIH_MGC_114"
/clome="Ib="NIH_MGC_114"
/note="Organ: brain; Vector: pCMV-SPORT6; Site 1: Not1;
/site_2: EcoRV (destroyed); RNA source anonymous pool of 6
male_brains, age range 23-27 yo. Library is oligo-dT
primed and directionally cloned (EcoRV site is destroyed
upon cloning). Average insert size 1.5 kb, insert size
range 1-3 kb. Library is normalized and enriched for
full-length clones and was constructed by C. Gruber
(Invitrogen). Research Genetics tracking code 019. Note:
this is a NIH_MGC Library."
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Pred. No. 5.3e-136;
0; Mismatches 29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BQ055557 978 bp mRNA linear E
AGENCOURT 6838359 NIH MGC 99 Homo sapiens cDNA clone
5', mRNA sequence.
BQ055557
BQ055557 GI:19814897
                                                                                                                                                                          Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Lou Staudt
cDNA Library Preparation: Rubin Laboratory
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: WGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.lnl.gov
                                                                                                                                                                                                                                                                                                                                                             NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, N
Unpublished (1999)
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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                                                                                                                                                                                                                                                                                                                                                                                                                        (bases 1 to 978)
                                                                                                                                           e: LLCM2050 row: k column: quality sequence stop: 652.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (human)
                                                                                                                        .on/Qualifiers
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          cell line"
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Collection (MGC)

EST 29-MAR-2002 E IMAGE:5807747

874

814 841 781 694 721 634 661 574

754

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/clone lib="NIH MGC 99"
/clone lib="NIH MGC 99"
/note="Organ: lymph; Vector: pOTB7; Site_1: XhoI; Site_2: note="Organ: lymph; Vector: potenting. Directionally cloned into EccRI/KhoI sites using the following 5 adaptor: GCACGA8(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CONA synthesis kit (Stratagene) and Superscript ITRT (Life Technologies). Note: this is a NIH_MGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 817.4; DB 13;
Pred. No. 5.7e-136;
0; Mismatches 31;
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National Institutes of Health, Mammalian
Unpublished (1999)
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Tissue Procurement: DCTD/DTP
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
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TCGGCCTTCTTCTTGGTGGTCGACGCGTATTTCCCCCAGATCAGCAACGCCACTGACCGC
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/tissue_type="carcinoma, cell line"
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/clone_ilb="NIH MGC_40"
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/site_2: EcoRI; cDNA made by oligo-dT priming.
Site_2: EcoRI; cDNA made by oligo-dT priming.
Site_2: EcoRI; cloned into EcoRIXhol sites using the following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-DNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies).
Note: this is a NIH_MGC Library."
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                                             Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP
CDNA Library Preparation: Rubin Laboratory
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
plate: LLCM2.766 row: p_column: 22
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BU541667
                                                                                                                                                       1 (bases 1 to 910)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian
Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

[ (bases 1 to 910)
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/tissue_type="carcinoma, cell line"

/lab host="PH10B (phage-resistant)"

/clone lib="NIH MGC_40"

/note="Organ: prostate; Vector: pOTB7; Site_1: XhoI;

/note="Organ: prostate; Vector: pOTB7; Site_1: CDNA made by oligo-dT priming.

Site_2: EcoRI; CDNA made by oligo-dT priming.

Directionally cloned into EcoRI/XhoI sites using the following 5; adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies).

Note: this is a NIH_MGC Library."

SIN Score 814.2; DB 13; Length 910;
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Similarity CCATCCTGTGCAGCTGACACAG-CTAAGGAGCCTCATAGCCTGGCGGGGG--GCCGCCCCTGTGTACTGAGTGGCGGTTAGCGTGGGAAGGGGGGACAGAGAGGGCCCTCCC GGGTGTGCTGGCCTCCCTGGCCTACCAGCGCTACAAGGCTGGCGTGGACGACGACTTCATCCA GGTGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAGCTTCTTTTCCATCTTCTCCTG CTCTGCCCTGGACTTTCCCATCAGCCTCCTGGAACTGCCAGCCCCTCTCTTTCACCTGTT TGTGGACAACTACCAACAGCCACCCTTCACCCAGAACGCGGAGACCACCGANGGCTACCA GAATTACGTTGACCCCACTCCGGACCCCAACACTGCCTACGCCTCCTACCCAGGTGCATC GGTGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAGCTTCTTTTCCATCTTCTCCTG GTTTGTTGGTTTCTGCTTCCTCACCAACCAGTGGGCAGTCACCAACCCGAAGGACGTGCT GTTTGTTGGTTTCTGCTTCCTCACCAACCAGTGGGCAGTCACCAACCCGAAGGACGTGCT TGACCGCAAGTACCTGGTCATTGGTGACCTGCTCTTCTCAGCTCTCTGGACCTTCCTGTG CCTGGCCTCGGCCTTCTTCGTGGTGGTCGACGCGTATTTCCCCCCAGATCAGCAACGCCAC CGTGTTCAACCGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGCTT GTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTG CTTCCTGACGCAGCCGCAGGTGGTGGCGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGT TGTGGACAACTACCAACAGCCACCCTTCACCCAGAACGCGGAGACCACCGAGGGCTACCA CCTGGCCTCGGCCTTCTTCTTGGTGGTCGACGCGTATTTCCCCCCAGATCAGCAACGCCAC CGTGTTCAACCGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGGTGCTGGCCTT GTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTG Conservative 53.8%; Score 814.2; DB 13; Pred. No. 2.1e-135; 0; Mismatches 10; Indels Length 4. 166 646 586 480 466 406 826 766 660 706 600 540 526 420 360 346 780 240 286 180 226 120 60

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Tissue Procurement: Life Technologies, Inc.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
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Mammalia; Eutheria; Primates; Ca
1 (bases 1 to 891)
NIH-MCC http://mgc.nci.nih.gov/.
National Institutes of Health, M
Unpublished (1999)
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Plate: LLAM11440 row: g column: 18
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ACTGCGTGTTCAACCGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGG
                                                                                            TCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGT
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ilarity 98.6%;
Conservative
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Location/Qualifiers
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/clone_lib="NIH_MGC_115"
/note="Organ: pooled brain, lung, testis; Vector:
/note="Organ: pooled brain, lung, testis; Vector:
pcMv-SpORT6; Site_1: Not1; Site_2: EcoRV (destroyed); RNA
source anonymous pool of 6 male_brains, age range 23-27; 1
male lung, age 27; and 1 male testis, age 69. Library is
oligo-dT primed and directionally cloned (EcoRV site is
destroyed upon cloning). Average insert size 1.8 kb,
insert size range 1-3 kb. Library is normalized and
enriched for full-length clones and was constructed by C.
Gruber (Invitrogen). Research Genetics tracking code
021. Note: this is a NIH_MGC Library."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="mRNA"
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/clone="IMAGE:5176745"
/lab_host="DH10B"
/clone_lib="NHH_MGC_115'
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Pred. No. 6.6e-135;
0; Mismatches 11;
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   Email: cgapbs-r@mail.nin.gov
Tissue Procurement: Lou Staudt
cDNA Library Preparation: Rubin Laboratory
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MCC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2111 row: i column: 16
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AGENCOURT_6861020 NIH_MGC_99
5', mRNA sequence.
                                                                                                                                                                                      NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, M
Unpublished (1999)
                                                                                                                                                                                                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 to 976)
                                                                                                                                                                                                                                                                                                 Homo sapiens (human)
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                                                                                                                                                                      Contact: Robert Strausberg, Ph.D
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                                                                                      CCTGTGTACTGAGTGGCGGTTAGCGTGGGAAGGGGGACAGAGAGGGCCCTCCCCTCTGCC
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/lab_host="DHLOB (phage resistant)"
/lab_host="DHLOB (phage resistant)"
/clone_libe"NIH_MCC_99"
/clone_libe"NIH_MCC_99"
/note="Organ: lymph; Vector: pOTB7; Site_1: XhoI; Site_2: RECRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/KhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size_1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript IN RT (Life Technologies). Note: this is a NIH_MGC
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Pred. No. 7.9e-135;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CDNA Library Preparation: Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2759 row: d column: 18
High quality sequence stop: 674.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AGENCOURT 10224009 NIH MGC 107 Homo sapiens cDNA clone IMAGE:6570402 5', mRNA sequence.
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1 (bases 1 to 882)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: cgapbs-r@mail.nih.gov
Tissue Procurement: ATCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NIH-MGC http://mgc.nci.nih.gov/.
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/db xref="taxon:9606"
/clone="IMAGE:6570402"
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/site_2: XhoI; cDNA made by oligo-dT priming.
Site_2: XhoI; cloned into EcoRIXhoI sites using the
following 5' adaptor: GGCACGAG(G). Library constructed by
Ling Hong in the laboratory of Gerald M. Rubin (University
of California, Berkeley) using ZAP-DUNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies).
Note: this is a NIH_MGC Library."
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Published Applications NA:*

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## ALIGNMENTS

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Sequence 161, Application US/0:
Patent No. US20020159284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Bates Kevin P.
APPLICANT: Bestsein, David
APPLICANT: Beston, David
APPLICANT: Baton, Dan
APPLICANT: Filvaroff, Ellen
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerber, Audrey
APPLICANT: Gerdard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Goddowski, Paul J.
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 Fong, Sherman
Gao, Wei-Glang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
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Filvaroff, Ellen
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PRIOR FILLING DATE: 1.199/-11-13 PRIOR APPLICATION NUMBER: 60/07450 PRIOR FILLING DATE: 1.998-03-10 PRIOR FILLING DATE: 1.998-03-11 PRIOR FILLING DATE: 1.998-03-11 PRIOR FILLING DATE: 1.998-03-11 PRIOR APPLICATION NUMBER: 60/07764 PRIOR APPLICATION NUMBER: 60/07764 PRIOR APPLICATION NUMBER: 60/07764 PRIOR PRILING DATE: 1.998-03-11 PRIOR FILLING DATE: 1.998-03-11 PRIOR PRILING DATE: 1.998-03-11 PRIOR PRILING DATE: 1.998-03-11 PRIOR PRILING DATE: 1.998-03-12 PRIOR PRILING DATE: 1.998-03-12 PRIOR PRILING DATE: 1.998-03-20 PRIOR APPLICATION NUMBER: 60/07836 PRIOR PRILING DATE: 1.998-03-20 PRIOR PRILING DATE: 1.998-03-20 PRIOR PRILING DATE: 1.998-03-20 PRIOR PRILING DATE: 1.998-03-25 PRIOR PRILING DATE: 1.998-03-25 PRIOR PRILING DATE: 1.998-03-25 PRIOR PRILING DATE: 1.998-03-25 PRIOR PRILING DATE: 1.998-03-27 PRIOR APPLICATION NUMBER: 60/07924 PRIOR APPLICATION NUMBER: 60/07926 PRIOR PRILING DATE: 1.998-03-27 PRIOR APPLICATION NUMBER: 60/07926 PRIOR PRILING DATE: 1.998-03-27 PRIOR PRIOR DATE: 1.998-03-27 PRIOR PRIOR APPLICATION NUMBER: 60/07926 PRIOR PRIOR APPLICATION NUMBER: 60/07926 PRIOR PRIOR PRIOR DATE: 1.998-03-37 PRIOR PRIOR PRIOR DATE: 1.998-03-37 PRIOR PRIOR PRIOR DATE: 1.998-03-37 PRIOR PRIOR DATE: 1.998-03-37 PRIOR PRIOR DATE: 1.998-03-37 PRIOR PRIOR PRIOR DATE: 1.998-03-37 PRIOR	CANT: Grimaldi, J. Chr CANT: Gurney, Austin L CANT: Hillan, Kenneth CANT: Hillan, Kenneth CANT: Kljavin, Ivar J. CANT: Kljavin, Ivar J. CANT: Kuo, Sophia S. CANT: Napier, Mary A. CANT: Pan, James; CANT: Pan, James; CANT: Pann, James; CANT: Shelton, David L CANT: Shelton, David L CANT: Stewart, Timothy CANT: Tumas, Daniel CANT: Williams, P. Mic CANT: Wood, Williams P. Mic OF INVENTION: Acids E APPLICATION NUMBER: 09 FILLING DATE: 2001-07-3 APPLICATION NUMBER: 60 FILLING DATE: 1997-11-0
PRIOR APPLICATION NUMBER: 60/081819 PRIOR FILLING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/081952 PRIOR APPLICATION NUMBER: 60/082568 PRIOR APPLICATION NUMBER: 60/082568 PRIOR PILLING DATE: 1998-04-21 PRIOR APPLICATION NUMBER: 60/082569 PRIOR APPLICATION NUMBER: 60/082569 PRIOR APPLICATION NUMBER: 60/082704 PRIOR APPLICATION NUMBER: 60/082704 PRIOR APPLICATION NUMBER: 60/082704 PRIOR APPLICATION NUMBER: 60/082707 PRIOR FILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/082707 PRIOR FILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/082797 PRIOR FILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/082796 PRIOR FILLING DATE: 1998-04-22 PRIOR FILLING DATE: 1998-04-23 PRIOR APPLICATION NUMBER: 60/083336 PRIOR APPLICATION NUMBER: 60/083322 PRIOR APPLICATION NUMBER: 60/083495 PRIOR APPLICATION NUMBER: 60/083495 PRIOR APPLICATION NUMBER: 60/083496 PRIOR APPLICATION NUMBER: 60/083496 PRIOR APPLICATION NUMBER: 60/083499 PRIOR APPLICATION NUMBER: 60/083545 PRIOR APPLICATION NUMBER: 60/083545 PRIOR APPLICATION NUMBER: 60/083559	APPLICATION NUMBER: FILING DATE: 1998-0: APPLICATION NUMBER:

21 GCTTCCTCACCAACCAGTGGGCAGTCACCAACCCGAAGGACGTGCTGGTGGGGGCCGACT 48	Qy 361 TGGTCATTGGTGACCTGCTCTCTCAGCTCTTCTGGACCTTTCCTGGGTTTTGTTTG	OY 301 TCTTCTTGGTGGTCGACGCGTATTTCCCCCAGATCAGCAACGCCACTGACCGCAAGTACC 360	Qy 241 ACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTCCTGGCCTCGGCCT 300	QY 181 ATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCA 240	2y 121 CGCAGGTGGTGGCGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCT 180 [	Qy 61 GGGCCTACGGCGGCCCAAGGCGGGCGGCTCCTTCGACCTGCGGCGCTTCCTGACGCAGC 120	GCGGCGGCGACATGGAGA	Query Match 100.0%; Score 1512; DB 9; Length 1512; Best Local Similarity 100.0%; Pred. No. 0; Matches 1512; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/0857 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/0856	FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/08558 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/08557	FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/08 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/08	FILING DATE: 1998-05-13 APPLICATION NUMBER: 60/0858 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/08570	FILING DATE: 1998-05-13 APPLICATION NUMBER: 60/08 FILING DATE: 1998-05-13 APPLICATION NUMBER: 60/08	FILING DATE: 1998-( APPLICATION NUMBER: FILING DATE: 1998-( APPLICATION NUMBER:	FILING DATE: 199 APPLICATION NUMBER FILING DATE: 199 APPLICATION NUMBER FILING DATE: 199	APPLICATION FILING DATE: APPLICATION	FILING DATE: 1998-05-06 APPLICATION NUMBER: 60/08463 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/08463	FILING DATE: 1998-0 APPLICATION NUMBER:
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FILE REFERENCE: P2630P1C9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064311
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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APPLICATION UMBER: 60/078910
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
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APPLICATION N
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Jermaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Yuo, Sophia S.
Tpier, Marv.
T, Jr.
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Botstein, David
Desnoyers, Luc
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Williams, P. Mickey
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
Goddard, Audrey
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Wood, William I
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Filvaroff, Ellen
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APPLICATION NUMBER: 60/081819
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Query Match Best Local Similarity 100.0%; Score 1512; DB 9; Length 1512;  Matches 1512; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  Qy 1 CGGACGCGTGGGCGGACGCGTGGGGCGGCGGCGGCGACATGGACAGCG 60	FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/	PRIOR FILING DATE: 1998-05-07  PRIOR APPLICATION NUMBER: 60/084643  PRIOR APPLICATION NUMBER: 60/084643  PRIOR APPLICATION NUMBER: 60/085339  PRIOR PILING DATE: 1998-05-13  PRIOR APPLICATION NUMBER: 60/085338  PRIOR FILING DATE: 1998-05-13  PRIOR PILING DATE: 1998-05-13  PRIOR PILING DATE: 1998-05-13  PRIOR PILING DATE: 1998-05-13  PRIOR PILING DATE: 1998-05-13  PRIOR APPLICATION NUMBER: 60/085323  PRIOR APPLICATION NUMBER: 60/085582  PRIOR APPLICATION NUMBER: 60/085582  PRIOR APPLICATION NUMBER: 60/085582	APPLICATION NUMBER: 60/ FILING DATE: 1998-05-06 APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07	PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083496 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR PRILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/08354 PRIOR APPLICATION NUMBER: 60/083554 PRIOR APPLICATION NUMBER: 60/083554 PRIOR PILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083558 PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083559 PRIOR APPLICATION NUMBER: 60/08359 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR PILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083500 PRIOR APPLICATION NUMBER: 60/083500 PRIOR PILING DATE: 1998-04-30 PRIOR APPLICATION NUMBER: 60/084366
Oy 1021 CCACTGCTGTATGACAAGTGCCTAGCTTCCCCCCGGCCCCGGTCAGC  Db 1021 CCACTGCTGTATGACAAGTGCCTAAGCTTCCCCCCGGCCCGGCCCGGTCAGC  OY 1081 CGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGTGGGGGCCCATCACCTG  Db 1081 CGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGTGGGGGCCCATCACACCTG  Db 1081 CGTGGGAGCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGTGGGGGCCATCACACCTG  OY 1141 CCTGTGCAGCGGAGCCAGGCTCTTGTGTCCTCAGGTTTGCTTCCCCTGTG  Db 1141 CCTGTGCAGCGGAGCCAGGCTCTTTGTTGTCTCAAGTTTGCTTCCCCTGTG  OY 1201 CCACTGCTGTATGATCTGGGGGCCACCACCATGAGGTTTGCCTTCTGTGTGCCTCTGTGTGCCTCTGTGTGCCTTCTGTGTGCCTCCCCTGTGTGCCCTCTGTGTGCCTTATGATCTTGGGGGGCCACCACCCTTGTGCCCTCTGTGCCCTCCCCCCTGTGTGCCTTATGATTTGATTCTGGGGGGCCACCACCCTTGTGCCCTCTGTGCCTTCCCCTCCCCCCTGTGTGCCCTCTGTGTGCCTTCCCCTTGTGTGCCTTCCCCTTGTGTGCCTTCCCCTCCCCCTTGTGTGCCTTGTGCCTTGTGCCTTCCCCTCCCCCTTGTGCCTTGTGCCTTGTGCCTTGTGCCTTGTGCCTTCCCCTCCCCCTTGTGCCTTGTGCCTTGTGCCTTGTGCCTTGTGCCTTCCCCTCCCCTTGTGTGCCTTGTGCCTTGTGTTGT	901 961	Qy 661 AACAGCCACCCTTCACCCAGAACGCGGAGACCACCGAGGGCTACCAGCCGCCCCTGTGT Db 661 AACAGCCACCCTTCACCCAGAACGCGGAGACCACCGAGGGCTACCAGCCCCCCTGTGT  Qy 721 ACTGAGTGGCGGTTAGCGTGGGAAAGGGGGACAGAGAGGGCCCTCCCCCTCTGGCCTGGACT Db 721 ACTGAGTGGCGGTTAGCGTGGGAACGGGGACAGAGAGGGCCCTCCCCTCTGCCCTGGACT CY 781 TTCCCATCAGCCTCCTGGAACTGCCAGCCCTCTTTCACCTGTTCCATCCTGTGCAGC Db 781 TTCCCATCAGCCTCCTGGAACTGCCAGCCCCTCTTTTCACCTGTTCCATCCTGTGCAGC	541 541 601	Db  121 CGCAGGTGGTGGCGCGCGCGTGTGGTTCTTCGGCTTGATCGTGTTCTCCTGCATCT  Oy  181 ATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCA  182 ATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCA  Oy  241 ACGAGGATGCCTGCCGCTATGGCAGTGCAATGCGCAAGTACTGCGTTCCTGGCCTCCTGGCCT  OY  241 ACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGTCCTGGCCTCGGCCT  OY  301 TCTTCTTGGTGGTCGACGCGTATTTCCCCCAGATCAGCAACGCCACTGACCGCAAGTACC  OY  301 TCTTCTTGGTGGTCGACGCGTATTTCCCCCAGATCAGCAACGCCACTGACCGCAAGTACC  OY  361 TGGTCATTGGTGGTCGACGCGTATTTCCCCCAGATCAGCACCCACTGACCGCAAGTACC  OY  421 GCTTCCTCACCAACCAGTGGGCACTCCTGGACCTTCCTGTGGTTTCTTCT  OA  421 GCTTCCTCACCAACCAGTGGGCAGTCACCGAAGGACGTGCTGGTTGGT

CURRENT APPLICATION NUMBER: US/09/999,832A CURRENT FILING DATE: 2001-10-24 PRIOR APPLICATION NUMBER: 09/918585 PRIOR APPLICATION NUMBER: 60/062250 PRIOR PILING DATE: 2001-07-30 PRIOR PILING DATE: 1997-10-17 PRIOR PILING DATE: 1997-11-03 PRIOR FILING DATE: 1997-11-03 PRIOR FILING DATE: 1997-11-13 PRIOR APPLICATION NUMBER: 60/065311 PRIOR APPLICATION NUMBER: 60/066364 PRIOR FILING DATE: 1997-11-21 PRIOR PILING DATE: 1997-11-21 PRIOR APPLICATION NUMBER: 60/077450 PRIOR APPLICATION NUMBER: 60/077632	Desno Baton Baton Ferra Folya Gao, Geor Geori Godda Godda Gotma Grima Gr	Cy 1501 TCTCATTCAAAG 1512  Db 1501 TCTCATTCAAAG 1512  RESULT 4  US-09-999-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-83ZA-161 US-09-99-99-99-83ZA-161 US-09-99-99-99-99-99-99-99-99-99-99-99-99-	1261 TGGTGTGAGGGCGGGGCTGGTGCTCATGGCAC
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              CCTGTGCCCAGAGGGCTTCAGTCAGCCGCTCACTCCTCCAGGGCACTTTTAGGAAAGGGT
                                                TGACACACACAGOTAAGGAGCCTCATAGCCTGGCGGGGGCTGGCAGAGCCACACCCCAAGTG
                                                                   TGACACACAGCTAAGGAGCCTCATAGCCTGGCGGGGGGCTGGCAGAGCCCAAAGTG
                                                                                                                       TTCCCATCAGCCTCCTGGAACTGCCAGCCCCTCTCTTTCACCTGTTCCATCCTGTGCAGC
                                                                                                                                                               ACTGAGTGGCGTTAGCGTGGGAAAGGGGGACAGAGAGGGCCCTCCCCTCTGCCCTGGACT
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OR PELLING DATE: 1998-04-22
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OR APPLICATION NUMBER: 60/082707
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OR APPLICATION NUMBER: 60/082707
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083545
OR APPLICATION NUMBER: 60/08359
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08463
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08558
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08558
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08558

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RESULT 5
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: Baker Kevin P.
: Botstein, David
: Desnoyers, Luc
: Eaton, Dan
                                                                                                                                                                                                      Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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Filvaroff, Ellen
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                                                                                                                                                                                   Napier, Mary A.
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                                                                                                                                                            James;
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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OR APPLICATION NUMBER: 60/077450
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OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/077791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/0778004
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078006
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078006
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078086
OR APPLICATION NUMBER: 60/078086
OR APPLICATION NUMBER: 60/078086
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/080337
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OR APPLICATION NUMBER: 60/08037
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OR APPLICATION NUMBER: 60/080309
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OR APPLICATION NUMBER: 60/080309
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-01
OR FILING DATE: 1998-04-08
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OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR PILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/078910
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
OR APPLICATION NUMBER: 60/085323
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085523
OR APPLICATION NUMBER: 60/085670
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085573
OR APPLICATION NUMBER: 60/085697
OR APPLICATION NUMBER: 60/085697
OR APPLICATION NUMBER: 60/085697
OR APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-04-

OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/08195
OR FILING DATE: 1998-04-15
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08195
OR APPLICATION NUMBER: 60/08195
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
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OR APPLICATION NUMBER: 60/08256
OR APPLICATION NUMBER: 60/08270
OR APPLICATION NUMBER: 60/08332

OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
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OR APPLICATION NUMBER: 60/083545
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OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
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OR APPLICATION NUMBER: 60/084414
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OR APPLICATION NUMBER: 60/084637
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
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OR APPLICATION NUMBER: 60/084690
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084690
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07

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Sequence 161, Application US/09978608A
Publication No. US20030045462A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
                                                                                                                                                       RESULT 6
US-09-978-608A-161
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APPLICANT: KuO, Sophias S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Pan, James;
APPLICANT: Panni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Williams, P. Mickey
APPLICANT: Acids Encoding the Same
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C22
CURRENT APPLICATION NUMBER: US/09/978,608A
CURRENT FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Pall
SEQ ID NO 161
CREANISM: Homo sapiens
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Geddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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FILE REFERENCE: P2630P1C15
CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 161
SEQ ID NO 161
TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
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Best Local Similarity
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
                                        TCTTCTTGGTGGTGACGCGTATTTCCCCCCAGATCAGCAACGCCACTGACCGCAAGTACC
                                                                                                                                       ACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTCCTGGCCTCGGCCT
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Kuo, Sophia S.
Napier, Mary A.
  TCTTCTTGGTGGTCGACGCGTATTTCCCCCCAGATCAGCAACGCCACTGACCGCAAGTACC
                                                                                                   ACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGG
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Gao, Wei-Qiang
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
Goddard, Audrey
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PRIOR APPLICATION NUMBER: 60/078004 PRIOR FILING DATE: 1998-03-13 PRIOR APPLICATION NUMBER: 60/078886 PRIOR FILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60/078936 PRIOR FILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60/078910 PRIOR APPLICATION NUMBER: 60/078939 PRIOR APPLICATION NUMBER: 60/078939 PRIOR APPLICATION NUMBER: 60/078939 PRIOR APPLICATION NUMBER: 60/079294	FILING DATI APPLICATION FILING DATI APPLICATION FILING DATI FILING DATI APPLICATION FILING DATI APPLICATION	PRIOR APPLICATION NUMBER: 60/062250  PRIOR FILING DATE: 1997-110-17  PRIOR PILING DATE: 1997-11-03  PRIOR APPLICATION NUMBER: 60/065311  PRIOR APPLICATION NUMBER: 60/065311  PRIOR FILING DATE: 1997-11-13  PRIOR APPLICATION NUMBER: 60/066364  PRIOR PILING DATE: 1997-11-21  PRIOR APPLICATION NUMBER: 60/077450	NVENTION NVENTION NENCE: P2 PLICATIO LING DATE: LING DATE:	APPLICANT: Pan, James; APPLICANT: Pan, James; APPLICANT: Roy, Margaret Ann APPLICANT: Shelton, David L. APPLICANT: Stewart, Timothy A. APPLICANT: Tumas, Daniel APPLICANT: Williams, P. Mickey APPLICANT: Williams, P. Mickey	APPLICANT: Goddard, Audrey  APPLICANT: Goddwski, Paul J.  APPLICANT: Grimaldi, J. Christopher  APPLICANT: Grimaldi, J. Christopher  APPLICANT: Hillan, Kenneth J.  APPLICANT: Hillan, Kenneth J.  APPLICANT: Kljavin, Ivar J.  APPLICANT: Kuo, Sophia S.  APPLICANT: Napier Mary A.		RESULT 8  US-09-978-191A-161  Sequence 161, Application US/09978191A  ; Publication No. US20030050239A1  ; GENERAL INFORMATION:  ; APPLICANT: Ashkenazi, Avi  APPLICANT: Baker Kevin P.  APPLICANT: Baker Kevin P.	Qy 1501 TCTCATTCAAAG 1512

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Sequence 161. Application US/09978403A  Sequence 161. Application US/09978403A  Publication No. US20303050240A1  REMERAL INFORMATION:  APPLICANT Baker Zevin P  APPLICANT Georber, Hangeter  APPLICANT Georber, Hangeter  APPLICANT Georber, Hangeter  APPLICANT Goodward, Paul J  APPLICANT Goodward, Paul J  APPLICANT MIllan, Kenneth J  APPLICANT MILLANT Goodward, Paul J  APPLICANT MILLANT BALER, MARY B.  APPLICANT MILLANT BALER, MARY A.  APPLICANT MOSQHAS S.  APPLICANT MOSQHAS S.  APPLICANT MILLANT BALER, MARY A.  APPLICANT MOSQHAS S.  APPLICANT MILLANT BALER, MARY A.  APPLICANT MILLANT BALER BALE	QY 1201 CCACTGCTGTATGATCTGGGGGCCACCACCCTGTGCCGGTGGCCTCCCG 1260  Db 1201 CCACTGCTGTATGATCTGGGGGCCACCACCCCTGTGCCGGTGGCCTCCCG 1260  QY 1261 TGGTGTAGAGGGGGGGTGGTGCTCATGGCACTTCCTCCTTGCTCCACCCCTGGCAGCA 1320  1261 TGGTGTAGGGCGGGGCTGGTGCTCATGGCACTTCCTCCTTGCTCCACCCCTGGCAGCA 1320  Db 1261 TGGTGTGAGGGCGGGGCTGGTGCTCATGGCACTTCCTCCCACCCCTGGCAGCA 1320  QY 1321 GGGAAGGCTTTGCCTGACACACCCAGCTTTATGTAAATATTCTGCAGTTGTTACTTAG 1380  Db 1321 GGGAAGGGCTTTGCCTGACAACACCCAGCTTTATGTAAATATTCTTGCAGTTGTTACTTAG 1380  QY 1381 GAAGCCTGGGGAGGGGAGGGCTCCCATGGCTCCAGACTCTGTCAGTTGTTACTTAG 1380  QY 1441 TATAAAATCGTGGGGAGGGGTGCCCAATGGCTCCCAGACTCTGTCTG

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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
OR APPLICATION NUMBER: 60/085697
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Sequence 161, Applicatio
Publication No. US200300

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avapplicant: Baterin, Da
APPLICANT: Baterin, Da
APPLICANT: Baterin, Da
APPLICANT: Baterin, Da
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Nap
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qia
APPLICANT: Gerber, Hansy
APPLICANT: Gerber, Ma
APPLICANT: Goddard, Audr
APPLICANT: Goddard, Audr
APPLICANT: Hillan, Kennet
APPLICANT: Hillan, Kennet
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary A
APPLICANT: Roy, Margaret J
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Desnoyers, Luc
Eaton, Dan
Eaton, Dan
Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J
Kuo, Sophia S.
Napier, Mary A.
Pan. James
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RESULT 11
US-09-999-833A-161
VS-09-999-833A-161
VS-Quence 161, Application US/09999833A
Publication No. US20030054405A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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APPLICATION NUMBER: 6 FILING DATE: 1998-03-	PRIOR APPLICATION NUMBER: 60/078806 PRIOR APPLICATION NUMBER: 60/078866 PRIOR APPLICATION NUMBER: 60/078866 PRIOR APPLICATION NUMBER: 60/078836 PRIOR APPLICATION NUMBER: 60/078936 PRIOR APPLICATION NUMBER: 60/078910 PRIOR FILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60/078939 PRIOR APPLICATION NUMBER: 60/079294 PRIOR FILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60/079294 PRIOR FILING DATE: 1998-03-25	APPLICATION N FILING DATE: APPLICATION N	ICANT: Stewart, ICANT: Tumas, pa ICANT: Williams, ICANTON: WINT FILING DATE: 20 R APPLICATION NUM R FILING DATE: 19 R APPLICATION NUM R FILING DATE: 19 R APPLICATION NUM R FILING DATE: 19 R APPLICATION NUM R APPLICATION NUM R FILING DATE: 19 R APPLICATION NUM R APPLICAT	APPLICANT: Desnoyers, Luc APPLICANT: Eaton, Dan APPLICANT: Fator, Napoleon APPLICANT: Filvaroff, Ellen APPLICANT: Filvaroff, Ellen APPLICANT: Fong, Sherman APPLICANT: Geograf, Mary E APPLICANT: Gerber, Hanspeter APPLICANT: Geddard, Audrey APPLICANT: Godwski, Paul J. APPLICANT: Godwski, Paul J. APPLICANT: Grimaldi, J. Christopher APPLICANT: Grimaldi, J. Christopher APPLICANT: Hilan, Kenneth J APPLICANT: Kljavin, Ivar J. APPLICANT: Kljavin, Ivar J. APPLICANT: Kuo, Sophia S. APPLICANT: Mapier, Mary A. APPLICANT: Pan, James; APPLICANT: Pan, James; APPLICANT: Pan, Sanes; APPLICANT: Shelten David I.
PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083495 PRIOR APPLICATION NUMBER: 60/083495 PRIOR APPLICATION UNMBER: 60/083496 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083545 PRIOR APPLICATION NUMBER: 60/083554 PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083554 PRIOR FILING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/083554	TON HONE HONE HONE HONE HONE HONE HONE HO	FILING DATE: APPLICATION FILING DATE: APPLICATION APPLICATION APPLICATION FILING DATE: APPLICATION FILING DATE: APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION	PRIOR FILING DATE: 1996-04-01 PRIOR APPLICATION NUMBER: 60/081070 PRIOR APPLICATION NUMBER: 60/081049 PRIOR PILING DATE: 1998-04-08 PRIOR PILING DATE: 1998-04-08 PRIOR PILING DATE: 1998-04-08 PRIOR PILING DATE: 1998-04-08 PRIOR APPLICATION NUMBER: 60/081071 PRIOR APPLICATION NUMBER: 60/08129 PRIOR APPLICATION NUMBER: 60/081203 PRIOR APPLICATION NUMBER: 60/081229 PRIOR PILING DATE: 1998-04-09 PRIOR PILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/08125 PRIOR APPLICATION NUMBER: 60/08125	APPLICATION NAME OF THE PROPERTY OF THE PROPER

##ICOR #IPLICATION NUMBER: 66/08441  PRICE #ILING DATE: 1998-05-06  PRICE #ILING DATE: 1998-05-06  PRICE #ILING DATE: 1998-05-06  PRICE #ILING DATE: 1998-05-07  PRICE #ILING DATE: 1998-05-15  PRICE #ILING DATE: 1998-0	FILING DATE APPLICATION FILING DATE APPLICATION APPLIC
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PRIOR APPLICATION NUMBER: 60/082568 PRIOR APPLICATION NUMBER: 60/082568 PRIOR FILING DATE: 1998-04-21 PRIOR APPLICATION NUMBER: 60/082569 PRIOR FILING DATE: 1998-04-21 PRIOR APPLICATION NUMBER: 60/082704 PRIOR FILING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/082804 PRIOR FILING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/082700 PRIOR APPLICATION NUMBER: 60/082797 PRIOR APPLICATION NUMBER: 60/082797	PRIOR APPLICATION NUMBER: 60/081955 PRIOR FILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/081817 PRIOR FILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/081819 PRIOR FILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/081952 PRIOR PILING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/081838 PRIOR BETLING DATE: 1998-04-15 PRIOR BETLING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/081070 PRIOR FILING DATE: 1998-04-08 PRIOR APPLICATION NUMBER: 60/081049 PRIOR APPLICATION NUMBER: 60/081071 PRIOR APPLICATION NUMBER: 60/081071 PRIOR FILING DATE: 1998-04-08 PRIOR FILING DATE: 1998-04-08 PRIOR APPLICATION NUMBER: 60/081203 PRIOR APPLICATION NUMBER: 60/081203 PRIOR APPLICATION NUMBER: 60/081203 PRIOR APPLICATION NUMBER: 60/081229 PRIOR APPLICATION NUMBER: 60/081229 PRIOR APPLICATION NUMBER: 60/081229	PRIOR PILIUG DATE: 1998-03-31  PRIOR APPLICATION NUMBER: 60/080107  PRIOR APPLICATION NUMBER: 60/080107  PRIOR APPLICATION NUMBER: 60/080165  PRIOR FILING DATE: 1998-03-31  PRIOR PILIUG DATE: 1998-03-31  PRIOR PILIUG DATE: 1998-03-31  PRIOR APPLICATION NUMBER: 60/080327  PRIOR APPLICATION NUMBER: 60/080327  PRIOR APPLICATION NUMBER: 60/080337  PRIOR APPLICATION NUMBER: 60/080333  PRIOR PILIUG DATE: 1998-04-01  PRIOR APPLICATION NUMBER: 60/080333  PRIOR APPLICATION NUMBER: 60/080333  PRIOR APPLICATION NUMBER: 60/080334  PRIOR APPLICATION NUMBER: 60/080334  PRIOR APPLICATION NUMBER: 60/080334  PRIOR APPLICATION NUMBER: 60/080334  PRIOR APPLICATION NUMBER: 60/080334	PRIOR PILING DATE: 1998-03-27 PRIOR APPLICATION UNMBER: 60/079689 PRIOR PILING DATE: 1998-03-27 PRIOR PILING DATE: 1998-03-27 PRIOR APPLICATION NUMBER: 60/079663 PRIOR APPLICATION NUMBER: 60/079728 PRIOR APPLICATION NUMBER: 60/079786 PRIOR APPLICATION NUMBER: 60/079786 PRIOR APPLICATION NUMBER: 60/079920 PRIOR PILING DATE: 1998-03-20 PRIOR PILING DATE: 1998-03-30 PRIOR PILING DATE: 1998-03-30 PRIOR PILING DATE: 1998-03-30 PRIOR PILING DATE: 1998-03-30 PRIOR FILING DATE: 1998-03-30 PRIOR FILING DATE: 1998-03-30	PRIOR APPLICATION NUMBER: 60/078936 PRIOR FILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60/078910 PRIOR FILING DATE: 1998-03-20 PRIOR FILING DATE: 1998-03-20 PRIOR PILING DATE: 1998-03-20 PRIOR APPLICATION NUMBER: 60/079294 PRIOR APPLICATION NUMBER: 60/079296 PRIOR APPLICATION NUMBER: 60/079656 PRIOR FILING DATE: 1998-03-26 PRIOR PILING DATE: 1998-03-26

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RESULT 14
US-09-918-585A-161
; Sequence 161, Application US/09918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
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                                                                                            Gao, Wei-Vannspeter
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                   Fong, Successions Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                      Baker Kevin P.
Botstein, David
Desnoyers, Luc
                                                                                                                                                                                                                                                                   Ferrara, Napoleon
Filvaroff, Ellen
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CURRENT APPLICATION NUMBER: 00/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILLING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062449
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064341
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILLING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/079936
PRIOR APPLICATION NUMBER: 60/079656
PRIOR PILLING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079664
PRIOR APPLICATION NUMBER: 60/079664
PRIOR APPLICATION NUMBER: 60/079666
PRIOR PILLING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079669
PRIOR A
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
PILE REFERENCE: P2630PIC1
PILE REFERENCE: P2630PIC1
P1. TITLE OF INVENTED P2630PIC1
P1. TITLE OF INVENTED P2630PIC1
P1. TITLE REFERENCE: P2630PIC1
P1. TITLE P1.
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APPLICANT:
APPLICANT:
                                                                                OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
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R FILLING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/079923

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DR APPLICATION NUMBER: 60/080105

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APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
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Shelton, David L.
Stewart, Timothy A.
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OR FILING DATE: 1998-05-07
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CR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084598
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084627
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APPLICATION NUMBER: 60/085697
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APPLICATION NUMBER: 60/086023
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DR FILING DATE: 1998-04-27

OR APPLICATION NUMBER: 60/083322

OR FILING DATE: 1998-04-28

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OR APPLICATION NUMBER: 60/084414

OR FILING DATE: 1998-05-06

OR APPLICATION NUMBER: 60/084414

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PRIOR PRIOR PRIOR

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DR APPLICATION NUMBER: 60/081952
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DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081955
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1321 ĠĠĠAĠĠĠĊTŤTĠĊĊĠĠĊAĀĊĀĊĊĊĠĠĊŦŤTĀĠŤĀĀĀTĀŤĊŦĠĠĀĠŢŤĠŤŦĀĊŤŤĀĠ 1380  1381 ĠAĀĢCCTĠĠĠGAĠĠĠGAĠĠĠŢĠCCCCAĠGCTCCCĀĠACTCTĠŢGCCĠĀĠŢĠŦĀŢ 1440	1141 CCTGTGCAGCGGAGCCAGGCTCTTGTGTCCTCACTCAGGTTTGCTTCCCCTGTGC 1200	901 CCTGTGCCCAGAGGGCTTCAGTCAGCCGCTCACTCCTCCAGGGCACTTTTAGGAAAGGGT 960	661 AACAGCCACCCTTCACCCAGAACGCGGAGACCACCGAGGCTACCAGCCGCCCCCTGTGT 720  [	
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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APPLICATION NUMBER: 60/084414
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APPLICATION NUMBER: 60/
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081819
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081838 FILING DATE: 1998-04-15

FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082796
FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336

APPLICATION NUMBER: 60/083392 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083495

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APPLICATION NUMBER: 60/082797

APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804

FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082569

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APPLICATION NUMBER: 60/082568

APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955

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APPLICATION NUMBER: 60/080328
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APPLICATION NUMBER: 60/080194
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/080107 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080165 FILING DATE: 1998-03-31

APPLICATION NUMBER: 60/079920 FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/079923

APPLICATION NUMBER: 60/080105

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FILING DATE: 1998-03-27

APPLICATION NUMBER: 60/079786

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APPLICATION NUMBER: 60/079663
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Search completed: April 8, 2004, 14:05:52 Job time : 562 secs

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TITLE JOURNAL	AUTHORS	REFERENCE			ORGANISM	SOURCE	KEYWORDS	VERSION	ACCESSION	DEFINITION	LOCUS	AX538190	RESULT 1
Human synaptogyrin-like protein and nucleic acids encoding the same Patent: EP 1241184-A 161 18-SEP-2002;	Wood, W.I., Goddard, A., Gurney, A., Yuan, J., Baker, K.F. and Chen, J.		Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	Homo sapiens	Homo sapiens (human)		AX538190.1 GI:25270341	AX538190	Sequence 161 from Patent EP1241184.	AX538190 1512 bp DNA linear PAT 23-NOV-2002		

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                                                                                                           TITLE
                                                                                Mammalia; Eutheria; Primates; Craniata, Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 15.2)

1 (bases 1 to 15.2)

2 (lark,H.F., Gurney,A.L., Abaya,E., Baker,K., Baldwin,D., Brush,J.,
RS (lark,H.F., Gurney,A.L., Abaya,E., Baker,K., Baldwin,D., Brush,J.,
Rhen,J., Chow,B., Chui,C., Crowley,C., Currell,B., Deuel,B.,
Chen,J., Chow,B., Chui,C., Crowley,C., Gu,Q., Hass,P.E.,
Dowd,P., Eaton,D., Foster,J., Kim,H.S., Kimmowski,L., Jin,Y., Johnson,S.,
Heldens,S., Huang,A., Kim,H.S., Klimowski,L., Sanchez,C.,
Heldens,S., Huang,A., Xim,H.S., Klimowski,L., Sanchez,C.,
Schoenfeld,J., Seshagiri,S., Simmons,L., Singh,J., Smith,V.,
Schoenfeld,J., Wagts,A., Vandlen,R., Watanabe,C., Weend,D., Woods,K.,
Stinson,J., Vagts,A., Vandlen,R., Watanabe,C., Weend,D., Woods,K.,
Stinson,J., Vagts,A., Vandlen,R., Watanabe,C., Weend,D., Woods,K.,
Schoenfeld,A., Wood,W.I. and Godowski,P., Vann,J., Zhang,M., Zhang,Z.,
Goddard,A., Wood,W.I. and Godowski,P., Vann,J., Zhang,M., Zhang,Z.,
Goddard,A., Wood,W.I. and Godowski,P., Vann,J., Zhang,M., Zhang,Z.,
Beffort to Identify Novel Human Secreted and Transmembrane Proteins:
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Clark, H.F.
                                                       A Bioinformatics Assessment Genome Res. 13 (10), 2265-2270
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Submitted (01-AUG-2003) Department of Bioinformatics, Genentech,
Inc., 1 DNA Way, South San Francisco, CA 94080, USA
Location/Qualifiers
                                                                                   CCCTGGCCTACCAGCGCTACAAGGCTGGCGTGGACGACTTCATCCAGAATTACGTTGACC
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IMAGE:4341106),
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BC029755.1 GI:20
MGC.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                       Homo sapiens (human)
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Strausberg,R.L., Feingold,E.A., Grouse,L.H., Derge,J.G.,

Klausner,R.D., Collins,F.S., Wagner,L., Shenmen,C.M., Schuler,G.D.,

Altschul,S.F., Zeeberg,B., Buetow,K.H., Schaefer,C.F., Bhat,N.K.,

Hopkins,R.F., Jordan,H., Moore,T., Max,S.I., Wang,J., Hsish,F.,

Diatchenko,L., Marusina,K., Farmer,A.A., Rubin,G.M., Hong,L.,

Scheetz,T.E., Brownstein,M.J., Usdin,T.B., Toshiyuki,S.,

Carninci,P., Prange,C., Raha,S.S., Loquellano,M.A., Peters,G.J.,

Abramson,R.D., Mullahy,S.J., Bosak,S.A., McEwan,P.J.,

McKernan,K.J., Malek,J.A., Gunaratne,P.H., Richards,S.,

Worley,K.C., Hale,S., Garcia,A.M., Gay,L.J., Hillyk,S.W.,

Villalon,D.K., Muzny,D.M., Sodergren,E.J., Lu,X., Gibbs,R.A.,

Fahey,J., Helton,E., Kettenan,M., Madan,A., Rodrigues,S.,

Sanchez,A., Whiting,M., Madan,A., Young,A.C., Shevchenko,Y.,

Boutfard,G.G., Blakesley,R.W., Touchman,J.W., Green,E.D.,

Dickson,M.C., Rodriguez,R.C., Grimwood,J., Schmutz,J., Myers,R.M.,

Butterfield,Y.S., Krzywinski,M.I., Skalska,U., Smatilus,D.E.,

Schmerch,A., Schein,J.E., Jones,S.J. and Marra,M.A.

Generation and initial analysis of more than 15,000 full-length

human and mouse cDNA sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Web site: http://www.hgsc.bcm.tmc.edu/cdna/
Contact: amg@bcm.tmc.edu
Gunaratne, P.H., Garcia, A.M., Lu, X., Hulyk, S.W., Loulseged,
Kowis, C.R., Sneed, A.J., Martin, R.G., Muzny, D.M., Nanavati,
A.N., Gibbs, R.A.
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Baylor College of Medicine Human Genom
Sequencing Center
Center code: BCN-HGSC
                                                                                                                                                                                                                                                                                                                                                                                                                                          Clone distribution: MGC clone distribution information can be found through the I.M.A.G.B. Consortium/LLNL at: http://image.llnl.gov Series: IRAK Plate: 26 Row: i Column: 23.
Location/Qualifiers
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NIH-MGC Project URL: http://mgc.nci.nih.gov
Contact: MGC help desk
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Submitted (06-MAY-2002) National Institutes of Health, Mammalian
Gene Collection (MGC), Cancer Genomics Office, National Cancer
Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Lou Staudt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                human and mouse cDNA sequences
Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903
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_xref="MIM:603926"
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                                                             TCCATCCTGTGCAGCTGACACACTAAGGAGCCTCATAGCCTGGCGGGGGCTGGCAGA
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/note="Synaptogyrin; Region: $
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Db 3 GGCGGCGGCGGCGGCGACGGCGACATGGAGAGCGGGGCCTACGGCGCGCCAAGGCG 62	Similarity 99.8%; Pred. No. 0; 3; Conservative 0; Mismatches 3; Indels GGCGGCGGCACGGCGACGACGACGACGAGAGAGCGGGGCCTACGGCG	Match 88.2%; Sci	source 11491 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="!axon:9606"	Ludwig-Maxim PD Dr. Dr. (		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	AX779	AX779861  LOCUS AX779861  LOCUS AX779861  DEFINITION Sequence 2018 from Patent WO03039443.	Db 1441 ACGGAATAAATGTTTTCTCATTCAAA 1466	1486 A	Qy 1426 CTGTGCCGAGTGTATTATAAANICGTGGGGGAGATGCCCGGCCTGGGATGCTGTTTGGAG 1485	Qy 1366 GCAGTTGTTACTTAGGAAGCCTGGGGAGGGCAGGGGTGCCCCATGGCTCCCAGACTCTGT 1425	Db 1261 CCACCCTGGCAGGGAGGGGCTTTGCCTGACAACACCCAGCTTTATGTAAATATTCT 1320	1201 CTGGGCTGCCCGTGGTGTGAGGGCGGGGTGGTGATGGCACTTCCTCCTTGCTC	Db 1141 TTGCTTCCCCTGTGCCCACTGCTGTATGATCTGGGGGCCACCACCCTGTGCCGGTGGCCT 1200  Qy 1246 CTGGGCTGCCTCCCGTGGTGTGAGGGGGGGGGGGGTGGTCATGGCACTTCCTCCTTGCTC 1305	OY 1186 TTGCTTCCCCTGTGCCCACTGCTGTTGATCTGGGGGCCACCACCCTGTGCCGAGCCT 1245	1126 GGCCATCACACCTGCCCTGTGCAGCGGGAGCCGGACCAGGCTCTTGTGTCCTCACTCA	OY 1066 CGGCCCGGGTCAGGCCGTGGGAACCCGCTATTATCTGCGTTCTCTGCCAAAGACTCGTGGG 1125	Db 961 TGCAGTGGCTAGAAGCCAGCAGCCATGTGCTACTGACAAGTGCCTCAGCTTCCCCC 1020	Db 901 CTTTTAGGAAAGGGTTTTTAGCTAGTGTTTTTCCTCGCTTTTAATGACCTCAGCCCCGCC 960  OY 1006 TGCAGTGGCTAGAAGCCAGCAGGTGCCCATGTGCTACTGACAAGTGCCTCAGCCTCCCCC 1065
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Submitted (29-OCT-1997) Kedra D., Dept. of Molecular Medicine, Submitted (29-OCT-1997) Karolinska Hospital, CMM building L-8,, Clinical Genetics Unit, Karolinska Hospital, CMM building L-8,, Clinical Genetics Unit, SwEDEN
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Collins,J.E., Dunham,I., Blennow,E., Roe,B.A., Piehl,F. an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens mRNA for synaptogyrin AJ002308
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/codon_start=1"
/product="synaptogyrin 2"
/protein_id="CAA05325.1"
/db_xref="GI:2959872"
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/translation="MESGAYGARAKAGGSFDLRRFLTOPQVVARAVCLVFALIVFSCIY
GEGYSNAHESKOMYCVFRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRK
YLVIGDLLFSALWTFLWFVGFCFLTNOWAVTNPKDVLVGADSVRAAITFSFFSIFSWG
VLASLAYGRYKAGVDDFTQNYVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEG%:
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Strausberg, R.L., Feingold, E.A., Grouse, L.H., Derge, J.G.,
Strausberg, R.L., Feingold, E.A., Grouse, L.H., Shenmen, C.M., Schuler, G.D.,
Altschul, S.F., Zeeberg, B., Buetow, K.H., Schaefer, C.F., Bhat, N.K.,
Altschul, S.F., Jordan, H., Moore, T., Max, S.I., Wang, J., Hsieh, F.,
Hopkins, R.F., Jordan, H., Moore, T., Max, S.I., Wang, J., Hsieh, F.,
Diatchenko, L., Marusina, K., Farmer, A.A., Rubin, G.M., Hong, L.,
Stapleton, M., Soares, M.B., Bonaldo, M.F., Casavant, T.L.,
Scheetz, T.E., Brownstein, M.J., Uddin, T.B., Toshiyuki, S.,
Carninci, P., Prange, C., Raha, S.S., Loquellano, N.A., Peters, G.J.,
Abramson, R.D., Mullahy, S.J., Bosak, S.A., McEwan, P.J.,
McKernan, K.J., Malek, J.A., Gunaratne, P.H., Richards, S.,
Worley, K.C., Hale, S., Garcia, A.M., Gay, L.J., Hully, S.W.,
Villalon, D.K., Muzny, D.M., Sodergren, E.J., Lu, X., Gibbs, R.A.,
Fahey, J., Helton, E., Ketteman, M., Madan, A., Rodrigues, S.,
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Mammalia;
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....alia; Eutheria; Primates;
(bases 1 to 1708)
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MEDLINE
PUBMED
REFERENCE
AUTHORS
TITLE
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This clone was selected for full length sequencing because it passed the following selection criteria: matched mRNA gi: 22091455.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Web site: http://www.nisc.nih.gov/
Contact: nisc_mgc@nhgri.nih.gov
Akhter,N. Ayele,K. Beckstrom-Sternberg,S.M., Benjamin,B.,
Aller, R. Beckstrom-Sternberg,S.M., Benjamin,B.,
Blakesley,R.W., Bouffard,G.G., Breen,K., Brinkley,C., Brooks,S.,
Dietrich,N.L., Granite,S., Guan,X., Gupta,J., Haghighi,P.,
Dietrich,N.L., Garnite,S., Kwong,P., Laric,P., Legaspi,R.,
Hansen,N., Ho,S.-L., Karlins,E., Kwong,P., Laric,P., Legaspi,R.,
Maduro,Q.L., Masiello,C., Maskeri,B., Mastrian,S.D.,McCloskey,J.C.,
McDowell,J., Pearson,R., Stantripop,S., Thomas,P.J., Touchman,J.W.,
Tsurgeon,C., Vogt,J.L., Walker,M.A., Wetherby,K.D., Wiggins,L.,
Young,A., Zhang,L.-H. and Green,E.D.
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Tissue Procurement: DCTD/DTP
cDNA Library Preparation: Rubin Laboratory
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: National Institutes of Health Intramura
Sequencing Center (NISC),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA

NIH-MGC Project URL: http://mgc.nci.nih.gov

Cn Nov 6, 2003 this sequence version replace

Contact: MGC help desk

Contact: MGC help desk
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Submitted (15-NOV-2000) National Institutes of Health, Mammalian
Gene Collection (MGC), Cancer Genomics Office, National Cancer
Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sanchez, A., Whiting, M., Madan, A., Young, A.C., Shevchenko, Y., Bouffard, G.G., Blakesley, R.W., Touchman, J.W., Green, E.D., Dickson, M.C., Rodriguez, A.C., Grimwood, J., Schmutz, J., Wyerrs, R.M., Butterfield, Y.S., Krzywinski, M.I., Skalska, U., Smailus, D.B., Schnerch, A., Schein, J.E., Jones, S.J. and Marra, M.A. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences

Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)
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       domain-containing proteins are often found in lipid-associating proteins - such as Occludin and MAL family proteins. It may be part of the machinery of
                                                                                                                                                                                                /codon_start=1
/product="synaptogyrin 2"
/protein_id="AAH00407.1"
/db_xref="GI:12653277"
/db_xref="GI:12653277"
/db_xref="LocusiD:9144"
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/db_xref="LocusiD:9144"
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VLASILAYGRYKAGVDDFIQNYDPTPDPNTAYASYPGASVDNYQQPFFTQNAETTEGY
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Homo sapiens mRNA; cDNA DKFZp666M214 (from clone DKFZp666M214).
AL833010
AL833010.1 GI:21733599
                                                                                                                                                                                                                                                                                Submitted (09-JUL-2002) 1, D-85764 Neuherberg, GERMANY Clone from S. Wiemann, Molecular Genome Analysis, German Ca Research Center (DKFZ); Email s.wiemann@dkfz-heidelberg.de; sequenced by EMBL (European Molecular Biology Laboratories, Heidelberg/Germany) within the cDNA sequencing consortium o
                                                                                                                                                              Please contact the RZPD: Ressourcenzentrum, Heubnerweg 6, 14059
Berlin-Charlottenburg, GERWANY; Email: clone@rzpd.de Further
information about the clone and the sequencing project is available
at http://mips.ggf.de/proj/cDNA/.
                                                                                                                                                                                                                                                                                                                                                                                  Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
1 (bases 1 to 3052)
Ansorge, W., Wirkner, U., Mewes, H.W., Weil, B. and Wiem
                                                                                                                                                                                                                                                   German Genome Project.
This clone (DKFZp666M214) is available at the RZPD in Berlin
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
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/tissue_type="stomach"
/clone_lib="666 (synonym:
DH10B; sites NotI + SalI"
/dev_stage="adult"
                                                                                                 /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="RZPD:DKFZp666M214"
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, MacLean, C., Macdonald, P., Major, J. hy, M., Meldrim, J., Meneus, L., Mihov	<pre>a,S., Gord,S., Graham,L., Grand-Pierre,N t,L., Hulme,W., Iliev,I., Johnson,R., Jor us,A., Kells,C., Landers,T., Levine,R., I</pre>	Barna,N., Bastlen,V., Bloom,T., BoguslavkIV,L., Boukuigalter,B., Camarata,J., Chang,J., Chazaro,B., Choepel,Y., Collymore,A., Cook,A., Cooke,P., DeArellano,K., Dewar,K., Diaz,J.S., Dodge,S. Faro,S., Fetreira,P., FitzGerald,M., Gage,D., Galagan,J.,	ted (07-JUL-2002) Whitehead Institute/MIT ch, 320 Charles Street, Cambridge, MA 021 sees 1 to 17738) L,B., Nusbaum,C., Lander,E., Ali,A., Allen	Tesfaye,S., Theodore,J., Topham,K., Travers,M., Vassillev,H., Viel,R., Vo,A., Wilson,B., Wu,X., Wyman,D., Young,G., Zainoun,J., Zembek,L., Zimmer,A. and Zody,M.  Direct Submission	Ang, P., Pierre, N., Raymond, C., Retta, R., J., Roy, A., Schauer, S., Schupback, R., Sea C., Spencer, B., Stange-Thomann, N., Stojan	<pre>, MacLean,C., Macdonald,P., Major,J., Mat hy,M., Meldrim,J., Meneus,L., Mihova,T., I ,T., Naylor,J., Nguyen,C., Nicol,R., Norb or T</pre>	s,A., Kells,C., Landers,T., Levine,R., Jones	, Cooke,P., DeArellano,K., Dewar,K., Diaz ., Ferreira,P., FitzGerald,M., Gage,D., Ga .a,S., Gord,S., Graham,L., Grand-Pierre,N.,	ses I to 177738) .,B., Nusbaum,C., Lander,E., Ali,A., Allen, N., Bastien,V., Bloom,T., Boguslavkiy,L., ta,J., Chang,J., Chazaro,B., Choepel,Y.,	met,A. and 2007,m. ect Submission mitted (16-JAN-2000) Whitehead Institute/MIT Center earch, 320 Charles Street, Cambridge, MA 02141, USA	, N., Pisani, C., Pollara, V., Raymond, C., Ki Santos, R., Severy, P., Spencer, B., Stange ovic, N., Subramanian, A., Talamas, J., Teste 1, A., Vassiliev, H., Viel, R., Vo, A., Wu, X.,	ald, P., Marquis, N., McBwan, P., McGurk, A., ters, R., Meldrim, J., Meneus, L., Morrow, J., C.H., O'Connor, T., O'Donnell, P., Olivar, T.	ra,P., FitzHugh,W., Forrest,C., Gage,D., Ga,S., Grant,G., Hagos,B., Heaford,A., Hort (J.J.C., Johnson,R., Jones,C., Kann,L., Kav	Anderson, S., Baldwin, J., Barna, N., Beckerly, R., Beda, C., S., Beda, C., Baldwin, J., Barna, N., Beckerly, R., Beda, C., S., Boushgalter, B., Brown, A., Burkett, G., Castle, A., Choepel, Y., Collangelo, M., Collins, S., Collymore, A., Cooke, P., Charellano, K., Dewar, K., Domino, M., Doyle, M., Fenestor, J.,	Higher, B., Nusbaum, C. and Lander, E. Homo sapiens chromosome 17, clone RP11-153A23 Unpublished 2 (bases 1 to 17738)	Homo Sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  1 (bases 1 to 177738)	593.15 GI:22038664 sapiens (human)	ACO21593 177738 bp DNA linear PRI Homo sapiens chromosome 17, clone RP11-153A23, complete

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Birren, B., Nusbaum, C., Lander, E., Ali, A., Allen, N., Anderson, S., Barra, N., Bastien, V., Bloom, T., Boguslavkiy, L., Boukhgalter, B., Camarata, J., Chang, J., Chargo, B., Choepel, Y., Collymore, A., Cook, A., Cooke, P., DeArellano, K., Dewar, K., Diaz, J.S., Dodge, S., Farreira, P., FitzGerald, M., Gage, D., Galagan, J., Gardyna, S., Gord, S., Graham, L., Grand-Pierre, N., Hagos, B., Horton, L., Hulme, W., Iliev, I., Johnson, R., Jones, C., Kamat, A., Kells, C., Landers, T., Levine, R., Lindblad-Toh, K., Liu, G., MacLean, C., Macdonald, P., Major, J., Matthews, C., Macthy, M., Meddrim, J., Weneus, L., Mihova, T., Mlenga, V., McCarthy, M., Meddrim, J., Weneus, L., Mihova, T., Menga, V., McCarthy, M., Meddrim, J., Weneus, L., Mihova, T., Nenga, V., Murphy, T., Naylor, J., Nguyen, C., Nicol, R., Norbu, C., Norman, C.H., O'Connor, T., O'Donnell, P., O'Neil, D., Oliver, J., Peterson, K., Phunkhang, P., Pierre, N., Raymond, C., Retta, R., Rise, C., Rogov, P., Roman, J., Roy, A., Schauer, S., Schupback, R., Seaman, S., Severy, P., Viel, R., Vo, A., Wilson, B., Wu, X., Wyman, D., Young, G., Zainoun, J., Viel, R., Vo, A., Wilson, B., Wu, X., Wyman, D., Young, G., Zainoun, J., Pirect, S., Simmer, A. and Zody, M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: sequence submissions@genome.wi.mit.edu
----- Project Information
Center project name: L5781
Center clone name: 153_A_23
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                                                                     14871 GGGTGTGCTGGCCTGGCCTACCAGCGCTACAAGGCTGGCGTGGACGACTTCATCCA
                                                                                            527 GGGTGTGCCTGGCCTGGCCTACCAGCGCTACAAGGCTGGCCTGGACGACGACTTCATCCA
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                                 GAATTACGTTGACCCCACTCCGGACCCCAACACTGCCTACGCCTCCTACCCAGGTGCATC
                                                                                                                            Conservative
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complement(27038. ...
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complement(21177. 21777)
/rpt famil
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Barderson, S., Arachchi, H.M., Barna, N., Bastien, V., Bloom, J., Ch Boyuslavkiy, L., Boukhgalter, B., Camarata, J., Chang, J., Ch Collymore, A., Cook, A., Cooke, P., Corum, B., DeArellano, K., Diaz, J.S., Dodge, S., Dooley, K., Dorris, L., Erickson, J., FirzGerald, M., Gage, D., Galagan, J., Gardyna, Graham, L., Grand-Pierre, N., Hafez, N., Hagopian, D., Hagos, Hall, J., Horton, L., Hulme, W., Iliev, I., Johnson, R., Jones Kamat, A., Karatas, A., Kells, C., Landers, T., Levine, R., Liu, G., Liu, A., Mabbitt, R., MacLean, C., Liu, A., Mabtt, R., MacLean, C., Liu,	Kanat, A., Karatas, A., Kells, C., Landers, T., Levine, R., Lindblad Toh, K., Liu, G., MacLean, C., Macdonald, P., Major, Matthews, C., McCarthy, M., Maltrim, J., Meneus, L., Mihova, J., Mlenga, V., Murphy, T., Naylor, J., Nguyen, C., Nicol, R., Nor Norman, C.H., O'Connor, T., O'Donnell, P., O'Nell, D., Oliver Peterson, K., Phunkhang, P., Pierre, N., Raymond, C., Retta, R. Rise, C., Rogov, P., Roman, J., Roy, A., Schauer, S., Schupbac Seaman, S., Severy, P., Smith, C., Spencer, B., Stange-Thoman Scojanovic, N., Talamas, J., Tesfaye, S., Theodore, J., Topha Travers, M., Vassiliev, H., Viel, R., Vo, A., Wilson, B., Wu, X., Wanan, D., Young, G., Zainoun, J., Zembek, L., Zimmer, A. and Direct Submission	Zembek, L., Zimmer, A. and Zody, M.  TITLE Direct Submission Submitted (15-JAN-2001) Whitehead Institute/MIT Center fo Submitted (15-JAN-2001) Whitehead Institute/MIT Center fo REFERENCE 3 (bases 1 to 209751) REFERENCE Birren, B., Nusbaum, C., Lander, E., Ali, A., Allen, N., Ander Barna, N., Bastien, V., Bloom, T., Boguslavkiy, L., Boukhgalt Camarata, J., Chang, J., Chazaro, B., Chospel, Y., Collymore, Cook, A., Cooke, P., DeArellano, K., Dewar, K., Diaz, J.S., Do Faro, S., Ferreira, F., FitzGerald, M., Gage, D., Galagan, J., Gardyna, S., Gord, S., Graham, L., Grand-Pierre, N., Hafez, N., Hados, B., Horton, L., Hulme, W., Illev, I., Johnson, R., Jone	Leboczky, J., Levine, R., Liu, G., MacLean, C., Macdonald, P., Leboczky, J., Levine, R., Liu, G., MacLean, C., Macdonald, P., Marquis, N., Matthawe, C., McCarthy, M., McSwan, P., McKernar McChecters, R., Meldrim, J., Meneus, L., Mihova, T., Mlenga, V., Murphy, T., Naylor, J., Nguyen, C., Norbu, C., Norman, C.H., O'Connor, T., O'Donnell, P., O'Neil, D., Oliver, J., Peterson Phunkhang, P., Pierre, N., Pollara, V., Raymond, C., Retta, R., Rieback, M., Riley, R., Rise, C., Rogov, P., Roman, J., Rosett Roy, A., Santos, R., Schauter, S., Schupback, R., Seaman, S., Scougnez, C., Spencer, B., Stange-Thomann, N., Stojanovic, N., Strauss, N., Subramanian, A., Talamas, J., Tesfaye, S., Theod Travers, M., Travis, N., Trigilio, J., Vassiliev, H., Viel, R., Willson, B., Will, X., Wwman, D., Ye, W.J., Volno, G., Zainoun, J., Wilson, B., Will, X., Wwman, D., Ye, W.J., Volno, G., Zainoun, J.	Birren, B., Nusbaum, C. and Lander, E.  Homo sapiens chromosome 17, clone RP11-219G17  Unpublished  (bases 1 to 209751)  Birren, B., Linton, L., Nusbaum, C., Lander, E., Allen, N.,  Barras, N., Bastien, V., Boguslavkiy, L., Boukhgalter, B., E.  Camarata, J., Campopiano, A., Choepel, Y., Colangelo, M., Collymore, A., Cooke, P., DeArellano, K., Dewar, K., Diaz, Collymore, A., Cooke, P., DeArellano, K., Dewar, K., Diaz, Gardýna, S., Ginde, S., Goyette, M., Graham, L., Grand-Pies Hagos, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Iliev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., Heaford, A., Horton, L., Hulme, W., Illiev, I., Johnson, B., L., L., L., L., L., L., L., L., L., L
Macdonald, P., Major, J., Manning, J., Matthews, C., McCarthy, M., Macdonald, P., Major, J., Manning, J., Matthews, C., McCarthy, M., Meldrim, J., Meneus, L., Mihova, T., Mlenga, V., Murphy, T., Naylor, J., Nguyen, C., Nicol, R., Norbu, C., O'Connor, T., O'Donnell, P., O'Neil, D., Oliver, J., Peterson, K., Phunkhang, P., Pierre, N., Ramasamy, U., Raymond, C., Retta, R., Rise, C., Rogov, P., Roman, J., Schupka, R., Seman, S., Severy, P., Smith, C., Roman, J., Schupka, R., Stopanan, S., Severy, P., Smith, C., Spencer, B., Stange-Thomann, N., Stojanovic, N., Stubbs, M., Talamas, J., Tesfaye, S., Theodore, J., Topham, K., Travers, M., Vassiliev, H., Venkataraman, V.S., Viel, R., Vo, A., Wilson, B., Wu, X., Vassiliev, H., Venkataraman, V.S., Viel, R., Vo, A., Wilson, B., Wu, X., Vassiliev, H., Vonga, G., Zainoun, J., Zembek, L., Zimmer, A. and Zody, M. TITLE Direct Submission Submitted (05-FEB-2003) Whitehead Institute/MIT Center for Genome	JOURNAL Submitted (16-JAN-2003) Whitehead Institute/MIT Center for Genome ReFerence 4 (bases 1 to 209751)  **REFERENCE 4 (bases 1 to 209751)  **AUTHORS Birren,B., Nusbaum,C., Lander,E., Abouelleil,A., Allen,N., Anachchi,H.M., Barna,N., Bastien,V., Bloom,T., Bouwhgalter,B., Camarata,J., Chang,J., Choepel,Y., Collymore,A., Cook,A., Cooke,P., Corum,B., DeArellano,K., Collymore,A., FitzGerald,M., Gage,D., Galagan,J., Gardyna,S., Frizerald,M., Gage,D., Galagan,J., Gardyna,S., Graham,L., Grand-Pherre,N., Hafez,N., Hagoplan,D., Hagos,B., Hall,J., Horton,L., Hulme,W., Iliev,I., Johnson,R., Jones,C., Lindblad-Toh K., Liu,G., Lui,A., Mabbitt,R., MacLean,C., Lindblad-Toh K., Liu,G., Lui,A., Mabbitt,R., MacLean,C.,	Kamat A., Karatas A., Kells, C., Landers, T., Levine, R., Liu, G., MacLean, C., MacGonald, P., Major, J., Matthews, C., McCarthy, M., MacLean, C., MacGonald, P., Major, J., Mlenga, V., Murphy, T., Naylor, J., Nguyen, C., Nicol, R., Norbu, C., Norman, C.H., O'Connor, T., O'Donnell, P., O'Neil, D., Oliver, J., Petersen, K., Phunkhang, P., Pierre, N., Raymond, C., Retta, R., Rise, C., Rogov, P., Roman, J., Roy, A., Schauer, S., Schupback, R., Seaman, S., Severy, P., Smith, C., Spencer, B., Stange-Thomann, N., Stojanovic, N., Talamas, J., Tesfaye, S., Theodore, J., Topham, K., Travers, M., Vassiliev, H., Viel, R., Vo, A., Wilson, B., Wu, X., Wyman, D., Young, G., Zainoun, J., Zembek, L., Zimmer, A. and Zody, M. Titte, Submission	Zembek, I., Zimmer, A. and Zody, M.  TITLE Direct Submission  Submitted (15-JAN-2001) Whitehead Institute/MIT Center for Genome  Free Submitted (15-JAN-2001) Whitehead Institute/MIT Center for Genome  Research, 320 Charles Street, Cambridge, MA 02141, USA  REFERENCE 3 (bases 1 to 209751)  Birren, B., Wasbaum, C., Lander, E., Ali, A., Allen, N., Anderson, S.,  Barna, N., Bastien, V., Bloom, T., Boguslavkiy, L., Boukhgalter, B.,  Comarate, J., Chang, J., Chang, J., Choepel, Y., Collymore, A.,  Cook, P., DeArellano, K., Dewar, K., Diaz, J.S., Dodge, S.,  Faro, S., Ferreira, P., FitzGerald, M., Gage, D., Galagan, J.,  Gardyna, S., Gord, S., Grand-Pierre, N., Hafez, N.,  Hagos, B., Horton, L., Hulme, W., Iliev, I., Johnson, R., Jones, C.,	Ichoczky, J., Levine, R., Liu, G., MacIcan, C., Macdonald, P., Lehoczky, J., Levine, R., Liu, G., MacIcan, C., Macdonald, P., Marquis, N., Matthews, C., McCarthy, M., McEwan, P., McKernan, K., McPheeters, R., Meldrim, J., Meneus, L., Mihova, T., Mlenga, V., McPheeters, R., Meldrim, J., Meneus, L., Mihova, T., Mlenga, V., Murphy, T., Naylor, J., Nguyen, C., Norbu, C., Norman, C.H., O'Connor, T., O'Donnell, P., O'Neil, D., Oliver, J., Peterson, K., Phunkhang, P., Pierre, N., Pollara, V., Raymond, C., Retta, R., Phunkhang, P., Pierre, N., Pollara, V., Raymond, C., Resetti, M., Rieback, M., Santos, R., Schupback, R., Seaman, S., Severy, P., Schupback, R., Seaman, S., Severy, P., Schupback, R., Seaman, S., Severy, P., Strauss, N., Subramanian, A., Talamas, J., Tesfaye, S., Theodore, J., Travers, M., Travis, N., Trigilio, J., Vassillev, H., Viel, R., Vo, A., Wilson, R. Mi, X., Wwnan, D., Ye, W.J., Venne, G., Zainoun, J., Vo, A., Wilson, R., Mi, X., Wwnan, D., Ye, W.J., Venne, G., Zainoun, J., Vo, A., Wilson, R., Will, X., Wwnan, D., Ye, W.J., Venne, G., Zainoun, J., Vo, A., Wilson, R., Well, R., Wonne, G., Zainoun, J., Wo, A., Well, R., Wilson, R., Wilson, R., Well, R.,	

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------ project Information
Center project name: L11992
Center clone name: 219_G_17
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KEYWORDS SOURCE ORGANISN REFERENCE AUTHORS TITLE JOURNAL COMMENT	Db 1694 RESULT 10 BD18955 LOCUS LOCUS DEFINITION ACCESSION VERSION	dd Vy	. סט סט סט	70 B Q	QV db	Å &	g by	β δ	Db Q	B &
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Vertebrata, E i, Hominidae, -2001 JP OlP	linear	CCCGGCCTGGGATGCTG            CCCGGCCTGGGATGCTG		ATGGCACTTCC	ACCACCCTGTGC	TCTTGTGTCCT	CTCTGCCAAAG	ACAAGTGCCTCA             ACAAGTGCCTCA	TTAATGACCTC	GCGCTCACTCC
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	CARCARCOCGAAGGACGTGCTGGTGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAG 505
734	
QY 614 CAACACTGCCTACGCCTCCTACGCAGGTGCATCTGTGACACTACCAACACCACCTT	
VO 111	OS CTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCA 264 06 CGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCAACGAGGATGCCTGCC
/organism="unknown" /mol_type="unassigned DNA' ORIGIN  Query Match Best Local Similarity 99.5%; Pred. No. 3.5	CGGCTCCTTCGACCTGCGGCGCTTCCTGACGCAGCCGCAGGTGGTGGCGGCGCGCGC
AUTHORS Rosen, C.A., Ru TITLE Secreted prote JOURNAL Patent: US 634 FEATURES Locat source 11	GGCGGCAGCGGCGACGGCGACATGGAGAGCGGGGCCTACGGCGCGGCCAAGGCGGG 85
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S Z	1 (Dases 1 to 969) 1 (Dases 1 to 969) Hawkins, P.R., Stuart, S.G. and Murry, L.E. Synaptogyrin homolog Patent: US 5854413-A 1 29-DEC-1998; Location/Qualifiers 1969
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Qy 746 GGGGACAGAGAGAGGGCCTCCCCTCTGCCCTGGAACTTCCCATCAGCCTCCTGGAACTGCC	AR069079 969 bp DNA linear PAT 29-SEP-1999 Sequence 1 from patent US 5854413. AR069079 AR069079.1 GI:6001286
Qy 686 GGAGACCACCGAGGGCTACCAGCCCCCCTGTGTACTGAGTGGCGGTTAGCGTGGGAAG	491 ATAAATGTTTTCTCATAAA 1511                      183 ATAAATGTTTTCTCAAA 1203
Db 685 CGCCTCCTACCCAGGTGCATCTGTGGACAACTACCAACAGCCACCCTTCACCCAGAACGC	

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Mammalia, Eutheria, Primates, C
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Zeng,Z., Lafleur,D.W., Moore,P.
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/db_xref="taxon:9606"
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563: contig of 563 bp in length gap of unknown length 1436: contig of 873 bp in length 1437 1649: contig of 874 bp in length 2524 3286: contig of 874 bp in length gap of unknown length 2524 3286: contig of 874 bp in length gap of unknown length gap of unknown length 3287 3613: contig of 763 bp in length gap of unknown length	an 26, 2000 this sequence version replaced gi:5882406. Genome Center r: Joint Genome Institute r Code: JGI site: http://www.jgi.doe.gov site: http://www.jgi.doe.gov r	RESULT 14 AC010532/c AC010532 AC010532 AC010532 DEFINITION AC010532 ACCESSION AC010532 VERSION KEYWORDS SOURCE ORGANISM Homo sapiens (human) ORGANISM AUTHORS TITLE JOURNAL TO be desired to 229426) AUTHORS TO Chases 1 to 229426) AUTHORS TO Chases 1 to 229426) AUTHORS DOS Joint Genome Institute. TOTENAL TOURNAL Direct Submission  15-SEP-199) Production Sequencing Facility, DOE Joint Submitted (15-SEP-199) Production Sequencing Facility, DOE Joint	Qy 1274 GGGCTGGTGCTCATGGCACTTCCTCCTCCCACCCCTGGCAGGAAGGGCTTTG 1333  Db 1677 GGCTGGTGCTCATGGCACTTCCTCCTTGCTCCACCCCTGGCAGGAAGGGCTTTG 1735  Qy 1334 CCTGACAACACCCCAGCTTTATGTAATATTCTGCAGTTGTAAGAGCCTTAGGAAGCCTGGGGAG 1393  [
gap of unknown length gap of of 678 bp in 1 gap of unknown length 37308: contig of 678 bp in 1 gap of unknown length 38107: contig of 799 bp in 1 gap of unknown length 39102: contig of 995 bp in 1 gap of unknown length 139591: contig of 489 bp in 1 gap of unknown length 151: contig of 1560 bp in 1 gap of unknown length 41151: contig of 1560 bp in 1 gap of unknown length 42842: contig of 1691 bp in 1 gap of unknown length 43828: contig of 1691 bp in 1 gap of unknown length 1560 bp in	of 1056 unknown of 1728 unknown of 1728 unknown of 123 unknown of 136 unknown of 1618 unknown of 179	unknown of 1488 unknown of 763 by unknown of 763 by unknown of 734 by unknown of 916 by unknown of 1046 unknown of 1046 unknown of 1390 i unknown	8117: contig of 760 bp in 1 gap of unknown length 8718: contig of 601 bp in 1 gap of unknown length gap of unknown length 9464: contig of 746 bp in 1 9964: contig of 500 bp in 1 gap of unknown length 10959: contig of 995 bp in 1 gap of unknown length 11873: contig of 914 bp in 1 gap of unknown length 12656: contig of 783 bp in 1 gap of unknown length 13674: contig of 1018 bp in gap of unknown length

unknown length  of 763 bp in length  unknown length  of 4009 bp in length  unknown length  of 2917 bp in length  of 2939 bp in length  unknown length  unknown length  of 3521 bp in length  unknown length  of 371 bp in length  unknown length  of 2771 bp in length  unknown length  of 2334 bp in length  unknown length  of 2190 bp in length  unknown length  unknown length  of 2190 bp in length  unknown length  of 2190 bp in length  unknown length  of 3190 bp in length  unknown length  of 3190 bp in length  unknown length  unknown length  of 3191 bp in length  unknown length  of 3535 bp in length  of 2535 bp in length	length bp in length bp in	unknown length of 1794 bp in length unknown length of 1773 bp in length	א ש א שי	- B - B -			σ			σ	lengt bp in lengt bp in
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Heckerthy, M., McKamar, P., McCautak, Necdonald, P., Marquis, N., Welcherthy, M., McKamar, P., McCautak, N., McKamarak, K., Mersey, K., Wellerin, J., Wengas, P., Milanda, C., McCaro, K., Pilanda, C., Pollanda, C., Wolffeld, C., McCaro, K., Pilanda, C., Pollanda, C., Wolffeld, C., McCaro, K., Pilanda, P., Polsani, C., Pollanda, V., Raymond, C., Rilay, R., Rogov, P., Rothman, D., Schauer, S., Serey, J., Spencer, B., Schauer, S., Schauer, S., Serey, J., Spencer, B., Schauer, S., Schauer, S., Schauer, S., Serey, J., Spencer, B., Schauer, S., Sc
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2: /cgm2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgm2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgm2_6/ptodata/2/iaa/6B_COMB.pep:*

5: /cgm2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

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Title:

## US-08-700-637-2 RESULT 1 US-08-700-637-2 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 224 amino acids TYPE: amino acid STRANGENESS: single Sequence 2, Application Patent No. 5854413 GENERAL INFORMATION: COMPUTER READBLE FORM: MEDIUM TYPE: Diskette COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FastSEO Version 1.5 CURRENT APPLICATION DATA: APPLICATION UMBER: US/08/700,6: APPLICATION UMBER: US/08/700,6: APPLICATION INFORMATION: NAME: Luther, Batbara J. REGISTRATION UMBER: 33,954 REFERENCE/DOCKET NUMBER: PP-006: TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555 APPLICANT: Hawkins, Phillip R. APPLICANT: Stuart, Suean G. APPLICANT: Murry, Lynn E. TITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON NUMBER OF SEQUENCES: 12 CORRESPONDENCE ADDRESS: MOLECULE TYPE: peptide IMMEDIATE SOURCE: LIBRARY: COLNNOT05 CLONE: 775426 STREET: 3174 POI CITY: Palo Alto COUNTRY: U.S. ZIP: 94304 ADDRESSEE: Incyte Pharmaceuticals, STREET: 3174 Porter Drive TOPOLOGY: 94304 Ç Application US/08700637 ss: single linear US/08/700,637 33,954 ER: PF-0065 S

1 MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCV

Conservative

99.5%;

Score 1185; DB 2; Pred. No. 3.3e-125; 0; Mismatches 1;

Length 224; Indels

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GENERAL INFORMATION:
APPLICANT: Hawkins
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Best Local :
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OPERATING SYSTEM: DOS
SOSTWARE: FASTSBQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,f
TIME DATE: Filed Herewith
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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MOLECULE TYPE: pepti
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: GI 1072118
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APPLICANT: Murry, Lynn
TITLE OF INVENTION: NOV
NUMBER OF SEQUENCES: 12
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TYPE: amino acid
STRANDEDNESS: single
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3174 Porter Drive
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FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,932
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                                                                                                APPLICATION NUMBER: 60/055,947 FILING DATE: 1997-08-18
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                                                      APPLICATION NUMBER: 60/056,360
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EARLIER FILING DATE: 1997-08-18
EARLIER FILING DATE: 1997-09-12
EARLIER APPLICATION NUMBER: 60/058,664
EARLIER FILING DATE: 1997-09-12
EARLIER APPLICATION NUMBER: 60/058,660
EARLIER APPLICATION NUMBER: 60/058,660
EARLIER FILING DATE: 1997-09-12
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EARLIER FILING DATE: 1997-09-12
NUMBER OF SEQ ID NOS: 672
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 512
LENGTH: 25
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EARLIER FILING DATE: 1998-07-07
EARLIER APPLICATION NUMBER: 60/051,926
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EARLIER FILING DATE: 1997-07-08
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TITLE OF INVENTION: 1
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ORGANISM: Homo sapiens
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                                                               FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,919
FILING DATE: 1997-07-08
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FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/052,733
FILING DATE: 1997-07-08
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FILING DATE: 1997-07-08
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FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,916
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5. 6342581
APPLICATION NUMBER: 60/051,928
FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/055,722
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APPLICATION NUMBER: 60/051,930
FILING DATE: 1997-07-08
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FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,931
FILING DATE: 1997-07-08
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; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -41:.-1
US-09-621-976-4130
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US-09-621-976-4130
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CURRENT APPLICATION NUMBER: US/0
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 4130
                                                                                                                                                                                                                                                                                  Sequence 4130, Application US/0962197
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
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SEQ ID NO 509
LENGTH: 24
TYPE: PRT
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Best Local Similarity
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EARLIER APPLICATION NUMBER: 60/058,660
EARLIER FLILING DATE: 1997-09-12
EARLIER APPLICATION NUMBER: 60/058,661
EARLIER FILING DATE: 1997-09-12
NUMBER OF SEC ID NOS. 679-09-12
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FILING DATE: 1997-09-12
APPLICATION NUMBER: 60/058,664
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FILING DATE: 1997-08-18
APPLICATION NUMBER: 60/055,950
FILING DATE: 1997-08-18
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APPLICATION NUMBER:
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Pred. No. 1.
Score 133; DB 4;
Pred. No. 1.1e-07
8; Mismatches 1
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1.5e-08;
                              DB 4;
                              Length 56;
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US-09-227-357-510

Sequence 5 Patent No.

510, 1. 510, 1. 6342587

Application US/09227357

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GENERAL INFORMATION:
APPLICANT: Fischer et al.
TITLE OF INVENTION: 123 Human Secreted Proteins
FILE REFERENCE: PZ010P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/227,357
CURRENT FILING DATE: 1999-01-08
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RR APPLICATION NUMBER: 60/051,919

RR FILING DATE: 1997-07-08

RR PELICATION NUMBER: 60/051,928

RR FILING DATE: 1997-07-08

RR APPLICATION NUMBER: 60/055,722
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FILING DATE: 1998-07-07
                                               APPLICATION NUMBER: 60/055,684
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APPLICATION NUMBER: 60/055,947
                                                                                                                                                                                         FILING DATE: 1997-08-18
APPLICATION NUMBER: 60/055,950
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APPLICATION NUMBER: 60/051,918
APPLICATION NUMBER: 60/055,984 FILING DATE: 1997-08-18
                                                                                    FILING DATE: 1997-08-18
APPLICATION NUMBER: 60/056,360
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APPLICATION NUMBER: 60/055,723
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EARLIER APPLICATION NUMBER: 60/058,785
EARLIER TILING DATE: 1997-09-12
EARLIER FILING DATE: 1997-09-12
EARLIER APPLICATION NUMBER: 60/058,664
EARLIER APPLICATION NUMBER: 60/058,660
EARLIER APPLICATION NUMBER: 60/058,660
EARLIER APPLICATION NUMBER: 60/058,661
EARLIER FILING DATE: 1997-09-12
EARLIER FILING DATE: 1997-09-12
EARLIER FILING DATE: 1997-09-12
INUMBER: FAPPLICATION NUMBER: 60/058,661
EARLIER FILING DATE: 1997-09-12
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 510
LENGTH: 18
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Best Local Similarity
Matches 18; Conserva
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; TYPE: PRT
; ORGANIZM: Leishmania major and chagasi US-09-874-923-121
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US-09-874-923-121
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CURRENT FILING DATE: 2001-06-04
NUMBER OF SEQ ID NOS: 122
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 121
LENGTH: 709
                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 25.1
Matches 47; Conservative
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Bhatia, Ajay
APPLICANT: Bhatia, Ajay
APPLICANT: Probst, Peter
APPLICANT: Brannon, Mark
APPLICANT: Brannon, Mark
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
FILE REFERENCE: 210121.420C8
     170 LGSTVTQ 176
                                        162
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                                        LASLAYO 168
                                                                          AAGMPFIDANTAIYSDQLSIVVTDSTLSWAAARS----
                                                                                                                                             TLTGKAFRIQGAASSLSDDATLPGGILRFSSLLVSNGYIVVDKYFPRNTNITIKDASGTV
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Neto, Antonio
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Pred. No.
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LING DATE: 1997-08-18

60/055,954

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FILING DATE:

1997-08-1

60/055,964

APPLICATION NUMBER:

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FILING DATE: 1997-08-18
APPLICATION NUMBER: 60/055,948
FILING DATE: 1997-08-18

APPLICATION NUMBER: 60/055,949

LING DATE:

1997-08-1

APPLICATION NUMBER: 60/055,953

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APPLICATION NUMBER: 60/051,920 FILING DATE: 1997-07-08

LING DATE: 1997-07-08

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APPLICATION NUMBER: 60/052,733 FILING DATE: 1997-07-08

APPLICATION NUMBER: 60/052,795

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APPLICATION NUMBER: 60/051,916 FILING DATE: 1997-07-08

APPLICATION NUMBER: 60/051,930

APPLICATION NUMBER: 60/051,931

1997-07-1997-07-

JING DATE: JING DATE:

APPLICATION NUMBER: 60/051,932

1997-07-1997-07

LING DATE:

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APPLICATION NUMBER: APPLICATION NUMBER:

60

/052,732

60/052,803

LING DATE:

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APPLICATION NUMBER: 60/051,929

ING DATE:

CATION NUMBER: 60/051,925

1997-07-08

1997-07-08

LING DATE: 1997-07-

APPLICATION NUMBER: 60/051,926

1997-07-

APPLICATION NUMBER: 60/052,793

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RESULT 8
US-09-227-357-511
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EARLIER APPLICATION NUMBER: PCT/US98/13684
EARLIER FILING DATE: 1998-07-07
EARLIER APPLICATION NUMBER: 60/051,926
EARLIER FILING DATE: 1997-07-08
EARLIER APPLICATION NUMBER: 60/051,925
EARLIER FILING DATE: 1997-07-08
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63425;
          APPLICATION NUMBER: 60
                                                  FILING DATE: 1997-08-18
APPLICATION NUMBER: 60/055,954
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FILING DATE:
APPLICATION
                                               FILING DATE: 1997-08-
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                                                                                         APPLICATION NUMBER:
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NUMBER: 60/058,664
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                           60/058,785
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RESULT 9
US-09-328-352-6877
; Sequence 6877, Appli
; Sequence 6872, Appli
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EARLIER FILING DATE: 1997-09-12
EARLIER APPLICATION NUMBER: 60/05;
EARLIER FILING DATE: 1997-09-12;
NUMBER OF SEQ ID NOS: 672
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 511
                                                                                                                                                             RESULT 10
US-09-107-532A-5264
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; TYPE: PRT
; ORGANIZM: Acinetobacter baumannii
US-09-328-352-6877
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Matches
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 6877
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TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
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TYPE: PRT
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           CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS
STREET: 100 Beaver Street
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42; Conservative
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17; Conserv
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                                                                                                                                                                                                                                                     GVDDFIQNYVDP 184
                                                                                                                                                                                                                                                                                                              ALWIFLWFVGFCFLINOWAVINPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRYKA
                                                                                                                                                                                                                                                                                                                                            -----LSKIMFRITDYVMMFAPFÄVFAAIASÄITVQGLGLIVDYGILIAEFYFGLL
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CITY: Waltham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/09328352
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                                                                                                                                                                                                                                                                                    AIVLKKDIFRLGKLIREPVTLAFATASSESAYPKVMDALNKF
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 86; DB 4, Pred. No. 0.42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                      and David Bush
AND AMINO ACID SEQUENCES RELATING TO
FAECIUM FOR DIAGNOSTICS AND THERAPEUT
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0.0037;
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                              CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   77;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 442;
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                                                                         THERAPEUTICS
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                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09142732 Patent No. 6252045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                 GENERAL INFORMATION:
APPLICANT: James M. Anderson
APPLICANT: James M. Anderson
APPLICANT: Christina M. Van Itallie
TITLE OF INVENTION: Human Occludin, Its Uses and
TITLE OF INVENTION: Enhancement of Drug Absorption Using Occludin Inhibitors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
CORRESPONDENCE Valariament Medical School
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Ariniello, Pameia Deneke REGISTRATION NUMBER: 40,489 REFERENCE/DOCKET NUMBER: GTC-012 TELECOMMUNICATION INFORMATION: TELEPHONE: (781)893-5007 TELEPAX: (781)893-8277 INFORMATION FOR SEQ ID NO: 5264: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 155 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
                                                                                   ADDRESSEE: Yale University Medical School ADDRESSEE: Section of Digestive Diseases ADDRESSEE: Department of Internal Medicine
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature LOCATION: (B) LOCATION 1...155 SEQUENCE DESCRIPTION: SEQ ID NO: 5264:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 131 AVTNEKDVLVGADSVRAAITESEESIESWGVLASLAYQRYK----AGVDDEIQNYVD 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                     99 DIASIWPVILIGAVVVCSIVTMVAAGKTAEGVEALLGYVRKKKAERVSVNEMEENQID 155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   47; Conservative
                                              New Haven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SILGIL-FLFLAFEMHLVD---PEKIGAT----GDFLLNNLAILFVPAGVGLLEYFD 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RRFLTQPQVVARAVCLV----FALIVFSCIYGEGYS-NAHESKQMYCVFNRNEDACRYG 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: PC
OPERATING SYSTEM: <Unknown>
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                      Connecticut
                                                                  333 Cedar Street, LCI 105
  United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7.1%; Score 85; DB 4; Length 155; 26.6%; Pred. No. 0.12; ative 27; Mismatches 67; Indels
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                                                                    RESULT 12
US-08-945-826-2
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  ; Sequence 2, Application US/08945826 ; Patent No. 6489460 ; GENERAL INFORMATION:
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US-09-142-732-2
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/
FILING DATE: March 14, 1997
APPLICATION NUMBER: U.S. 60/0
FILING DATE: March 15, 1996
ATTORNEY/AGENT INFORMATION:
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MOLECULE TYPE:
DESCRIPTION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" 1.
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REGISTRATION NUMBER: 32423
REFERENCE DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Word Processing CURRENT APPLICATION DATA:
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STRANDEDNESS: sin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: MS DOS
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378 SKRAP 382
                                          216 EGYQP 220
                                                                                      319 VDSP-MAYSSNGKVNDKRFYPESSYKSTPVPEVVQELPLTSPVDDFRQPRYSSGGNFETP 377
                                                                                                                                 185 TPDPNTAYAS------YPGAS-------VDNYQQPPFTQ--NAETT 215
                                                                                                                                                                             259 LIIFFAVKTRRKMDRYDKSNILWDKEHIYDEQPPNVEEWVKNVSAGTQDVPSPPSDYVER 318
                                                                                                                                                                                                                        161 VLASLA-----YVDP 184
                                                                                                                                                                                                                                                                       207 LYGSQIYALCNOFYTPAATGLYVDQYLYHYCVVDPQEAI-----AIVLGFMIIVAFA 258
                                                                                                                                                                                                                                                                                                                 123 -----FCFLTNQ------WAVTNPKDVLVGADSVRAAITFSFFSIFSWG 160
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       90 DRGYGTSLLGGSVGYPYGGSGFGSÝGSGÝGYGYGYGYGYGYTDPRAAKGFMLAMAAFCF 149
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RESULT 13
US-09-197-503-2
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US-08-945-826-2
                 Sequence 2, Application US/09197503
Patent No. 6559286
GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION NUMBER: US/08/945,826
FILING DATE: 05-NOV-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BEACAT C TORCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (703) 205-8050 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 522 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: TSUKITA, Shoichiro
TITLE OF INVENTION: HUMAN ADHESION MOLECULE OCCLUDIN
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP STREET: P.O. Box 747 CITY: Falls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: FARACI, C. Joseph REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
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                                                                                                                                                                    SKRAP
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                                                                                                                                                                                                          EGYOP 220
                                                                                                                                                                                                                                                                                            TPDPNTAYAS-----YPGAS-----
                                                                                                                                                                                                                                                                                                                                  LIIFFAVKTRRKMDRYDKSNILWDKEHIYDEQPPNVBEWVKNVSAGTQDVPSPPSDYVER 318
                                                                                                                                                                                                                                                                                                                                                                                                                     LYGSQIYALCNOFYTPAATGLYVDQYLYHYCVVDPQEAI-----AIVLGFMIIVAFA 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----FCFLTNQ------WAVTNPKDVLVGADSVRAAITFSFFSIFSWG 160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LASAFFLVVDAYFPQISNATDRKYL-----VIGDLLFSALWTFLWFVG------
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  TSUKITA, Shoichiro
                                                                                                                                                                    382
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            46; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ---YGEGYSNAHESKOMYCVFNRNEDACRYGSAIGVLAF 79
                                                                                                                                                                                                                                                                                                                                                                             -YQRYKAGVDDFIQN---
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            92; Indels 168;
                                                                                                                                                                                                                                                                                          ---- VDNYQQPPFTQ--NAETT 215
                                                                                                                                                                                                                                                                                                                                                                             -----YVDP 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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US-08-933-750C-30
; Sequence 30, Application US/08933750C
; Patent No. 5932442
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APPLICATION NUMBER: US 08/945,
FILING DATE: 05-00V-1997
ATTORNEY/AGENT INFORMATION:
NAME: FREACI, C. JOSEPH
REGISTRATION NUMBER: 32,350
REFERENCE/FOCKET NUMBER: 0425.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8050
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 522 amino acids
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 7.1%; Score 85; I Best Local Similarity 16.2%; Pred. No. 0 Matches 59; Conservative 46; Mismatche
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION NUMBER: US/09/197,503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: HUMAN ADHESION MOLECULE OCCLUDIN NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
STREET: P.O. Box 747
CITY: Falls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                                                                          259
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                                                                                                                                                                                                          319 VDSP-MAYSSNGKVNDKRFYPESSYKSTPVPEVVQELPLTSPVDDFRQPRYSSGGNFETP
                                                                                                                                                                                                                                                    185 TPDPNTAYAS-----YPGAS--
                                                                                                                                                                                                                                                                                                                                    161 VLASLA-----
                                                                                                                                                                                                                                                                                                                                                                             207 LYGSQIYALCNOFYTPAATGLYVDQYLYHYCVVDPQEAI------AIVLGFMIIVAFA 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                               150 IAALVIFVTSVIRSEMSR-TRRYYLSVIIVSAILGIMVFIA--TIVYIMGVNPTAQSSGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       80 LASAFFLVVDAYFPQISNATDRKYL-----VIGDLLFSALWTFLWFVG------
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US-08-933-750C-30
Sequence 30, Application US/09234613
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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OPERATING SYSTEM:
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CLONE: 1600438
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CITY: Palo Alto
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LICANT: Yue, Henry
LICANT: Guegler, Karl J.
LICANT: Corley, Neil C.
LE OF INVENTION: HUMAN REGULATORY MOLECULES
BER OF SEQUENCES: 98
                                                                                                                                           136
                                                                               196
                                                                                                           175 DDFIQNYVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGY 218
                                                                                                                                                                         117 FLWFVGFCFLTNQWAVTNPKDVLVGADSVRAAITFSFF--SIFSWGVLASLAYQRYKAGV 174
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                                                                               AE-----KDANSVTSSLRKANLDKRLLELFPVNRQSVDHF 230
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Bandman, Olga
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V: 536
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ber 23, 1997
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Pred. No. 0.66;
8; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                 IMMEDIATE SOURCE:
LIBRARY: BLADNOTO3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/933,750
FILING DATE: September 23, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSQ for Windows Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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CITY: Palo Alto
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les 43; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Billings, Lucy J
REGISTRATION NUMBER: 3
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 196
                                                                136 LILFLKAFSETEÖTKLAMLSGILLGNGTLPÄTILTSLFTDSLVKEGIAÄSFÄVKLFKAWM 195
                                                                                              117 FLWFVGFCFLTNOWAVTNPKDVLVGADSVRAAITFSFF--SIFSWGVLASLAYQRYKAGV 174
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T: Corley, Neil C.
INVENTION: HUMAN REGULATORY MOLECULES
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 AE---
                              DDFIQNYVDPTPDPNTAYASYPGASVDNYQQPPFTQNAETTEGY 218
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Bandman, Olga
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-KDANSVTSSLRKANLDKRLLELFPVNRQSVDHF 230
                                                                                                                                                                                                                                                                                   7.1%; Score 84; DB 3; 19.2%; Pred. No. 0.66;
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                                                                                                                                    ----YAQVFNKLIRRYKYLEKAFEDEMKK 135
                                                                                                                                                                                                                                                                      99; Indels
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Minimum DB
Maximum DB
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seq length: 2000000000
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Gapop 60.0 , Gapext 60.0
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1: /cgn2_6/ptoGata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptoGata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptoGata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptoGata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptoGata/2/ina/Bata/2/ina/6B_COMB.seq:*
6: /cgn2_6/ptoGata/2/ina/backfiles1.seq:*
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ALIGNMENTS

Title:

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Sequence 1, Appli
Patent No. 585441
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 969 base pairs
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APPLICATION NUMBER: US/08/700
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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APPLICANT: Hawkins, Phillip R.
APPLICANT: Stuart, Susan G.
APPLICANT: MUTTY, Lynn E.
TITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON NUMBER OF SEQUENCES: 12
MOLECULE TYPE: CD
IMMEDIATE SOURCE:
LIBRARY: COLNNO
CLONE: 775426
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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SOFTWARE: FastSEQ Version 1.5
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SULT 2 -09-227-357-83 Sequence 83, Application US/09227357 Sequence 83, Application US/09227357 PARENT NO. 6342581 PRICANT: Fischer et al. APPLICANT: Fischer et al. APPLICANT: Fischer et al. FILE OF INVENTION: 123 Human Secreted Proteins FILE REFERENCE: PZ010P1 CURRENT APPLICATION NUMBER: US/09/227,357 CURRENT FILING DATE: 1999-01-08 EARLIER APPLICATION NUMBER: PCT/US98/13684 EARLIER FILING DATE: 1998-07-07 EARLIER FILING DATE: 1998-07-07 EARLIER FILING DATE: 1997-07-08	866 GCCTGGCGGGGGCTGGCAGAGCCACACCCCAAGTGCCTGTGCCCA 910	806 AGCCCCTCTCTTTCACCTGTTCCATCCTGTGCAGCTGACACACAGCTAAGGAGCCTCATA 865	746 GGGGACAGAGAGGGCCTCCCCTCTGCCCTGGACTTTCCCCATCAGCCTCCTGGAACTGCC 805	686 GGAGACCACCGAGGGCTACCAGCCGCCCCTGTGTACTGAGTGGCGGTTAGCGTGGGAAG 745	626 CGCCTCCTACCCAGGTGCATCTGTGGACAACTACCAACCA	566 TGGCGTGGACGACTTCATCCAGAATTACGTTGACCCCACTCCGGACCCCCAACACTGCCTA 625	506 CTICITTICCATCITCTCCTGGGGGTGTGCTGGCCTGCCTGGCCTACAGGCCTACAAGGC 565	446 CACCAACCCGAAGGACGTGCTGGTGGGGGGCCGACTCTGTGAGGGCAGCCATCACCTTCAG 505	386 AGCICTCIGGACCIICCIGIGGIIIGTIGGIITCIGCIICCICACCACCAGIGGGCAGI 445	326 CCCCAGATCAGCAACGCCACTGACCGCAAGTACCTGGTCATTGGTGACCTGCTCTTCTC 385	266 TGCCATCGGGGTGCTGGCCTTCCTGGCCTCGGCCTTCTTCTTGGTGG	206 CGAGTCTAAGCAGATGTACTGCGTGTTCAACCGCAACGAGGATGCCTGCC	146 CTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGTGAGGGCTACAGCAATGCCCA 205	86 CGGCTCCTTCGACCTGCGGCGCTTCCTGACGCAGCCGAGGTGGTGGTGGCGCGCGGTGTG 145	85 CGGCGGCAGCGGCGACGACGACATGGAGAGCGGGGCCTACGGCGCGCCAAGGCGGG 144
EARLIER ADPLICATION NUMBER: 60/058,660 EARLIER FILING DATE: 1997-09-12 EARLIER FILING BATENING: 672 EARLIER EA	APPLICATION NUMBER: 6 FILING DATE: 1997-09- APPLICATION NUMBER: 6 FILING DATE: 1997-09-	APPLICATION FILING DATE APPLICATION APPLICATION	APPLICATION NUMBER: 6 FILING DATE: 1997-08- APPLICATION NUMBER: 6 FILING DATE: 1997-08-	EARLIER APPLICATION NUMBER: 60/055,947  EARLIER FILING DATE: 1997-08-18  EARLIER APPLICATION NUMBER: 60/055,964  EARLIER FILING DATE: 1997-08-18	EARLIER APPLICATION NUMBER: 60/055,953 FEARLIER FILING DATE: 1997-08-18 FEARLIER APPLICATION NUMBER: 60/055,950 FEARLIER FILING DATE: 1997-08-18	EARLIER APPLICATION NUMBER: 60/055,948 EARLIER FILING DATE: 1997-08-18 EARLIER APPLICATION NUMBER: 60/055,949 EARLIER FILING DATE: 1997-08-18	EARLIER APPLICATION NUMBER: 60/055,722  EARLIER FILING DATE: 1997-08-18  EARLIER APPLICATION NUMBER: 60/055,723  EARLIER APPLICATION TO THE PROPERTY OF THE PR	EARLIER APPLICATION NUMBER: 60/051,919 EARLIER FILING DATE: 1997-07-08 EARLIER APPLICATION NUMBER: 60/051,928 EARLIER APPLING DATE: 1997-07-08	; EARLIER APPLICATION NUMBER: 60/052,733 ; EARLIER FILING DATE: 1997-07-08 ; EARLIER APPLICATION NUMBER: 60/052,795 ; EARLIER FILING DATE: 1997-07-08	; EARLIER APPLICATION NUMBER: 60/051,918 ; EARLIER FILING DATE: 1997-07-08 ; EARLIER APPLICATION NUMBER: 60/051,920 EARLIER FILING DATE: 1997-07-08	; EARLIER APPLICATION NUMBER: 60/051,916 ; EARLIER FILING DATE: 1997-07-08 ; EARLIER FILING DATE: 1997-07-08 ; EARLIER FILING DATE: 1997-07-08	APPLICATION NUMBER: FILING DATE: 1997-0 APPLICATION NUMBER: FILING DATE: 1997-0	APPLICATION NUMBER: 60 FILING DATE: 1997-07-0 APPLICATION NUMBER: 60 FILING DATE: 1997-07-0	APPLICATION NUMBER: 60 FILING DATE: 1997-07-0 APPLICATION NUMBER: 60 FILING DATE: 1997-07-0	APPLICATION NUMBER: 60/052, FILING DATE: 1997-07-08

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GGCAGGGGTGCCCCATGGCTCCCAGACTCTGTCTGTGCCGAGTGTATTATAAAATCGTGG
                                                                                              CCTGACAACACCCAGCTTTATGTAAATATTCTGCAGTTGTTACTTAGGAAGCCTGGGGAG 1393
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                            GGCAGGGGTGCCCCATGGCTCCCAGACTCTGTGTGCCGAGTGTATTATAAAATCGTGG 1453
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Pred. No. 8.7e-296;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Xtolk, Jiangchun
APPLICANT: Stolk, John A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF OVI
FILE REFERENCE: 210121.484C4
CURRENT APPLICATION NUMBER: US/09/713,550
CURRENT FILING DATE: 2000-11-14
NUMBER OF SEQ ID NOS: 205
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 135
LENGTH: 396
TYPE: DNA
ORGANISM: Homo sapien
US-09-713-550-135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 135, Application US/09640173
; Patent No. 6613515
; GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Xto, Jiangchun
ITILE OF INVENTION: OVARIAN TUMOR SEQUENCES AN
ITILE OF INVENTION: METHODS OF USE THEREFOR
FILE REFERENCE: 210121.484C2
CURRENT APPLICATION NUMBER: US/09/640,173
; CURRENT FILING DATE: 2000-08-15
NUMBER OF SEQ ID NOS: 196
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 135
; LENGTH: 396
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US-09-713-550-135
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; ORGANISM: Homo
US-09-640-173-135
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US-09-640-173-135
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US-08-700-637-5
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Patent NO. 5854413
GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Stuart, Susan G.
APPLICANT: MIXTY, Lynn E.
ITITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
US-08-700-637-5
                                                                                                     NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE,DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-85-055
TELEPHAX: 415-85-0195
TELEPHAX: 415-85-0195
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: Single
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Best Local Similarity
               MOLECULE TYPE: cD
IMMEDIATE SOURCE:
LIBRARY: TMLR2D
CLONE: 392250
                                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 31/.
CITY: Palo Alto
                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NDDRESSEE: Incyte Pharmaceuticals, Inc
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1168
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                                     TMLR2DT01
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100.0%; Pred. No. 6.3e-153;
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Best Local Similarity
                                                                 Query Match
Best Local
                                                   Matches
                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Hawkin
                                                                                                                         MOLECULE TYPE: cD
IMMEDIATE SOURCE:
LIBRARY: BRAITU
CLONE: 754306
                                                                                                                                                                                                                                                                                                NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hawkins, Phillip R.
APPLICANT: Stuart, Susan G.
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 3
CITY: Pal
STATE: CF
                                                                                                                                                                                              LENGTH: 230 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                     TELEPHONE:
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                    126 GIGGIGGCGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGCATCTATGGT
                                                   159;
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                                                                   Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       lo Alto
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                                                   Conservative
                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                     415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Diskette
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                                                                   100.0%;
                                                                                 10.5%;
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                                                                 Score 159; DB 2; 
; Pred. No. 5.1e-6'
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                                                   0;
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Pred. No. 3.2e-75;
                                                     Mismatches
                                                                    5.1e-67;
                                                                               Length 230;
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US-08-700-637-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPAX: 415-852-0195
INFORMATION: POR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 265 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 5854413
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                      Matches 243;
                                                                                                                                                                                                                                                                      Query Match
Best Local (
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APPLICATION NUMBER: US/08/700
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: ci
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CORRESPONDENCE ADDRESS:
ADDRESSES: Incyte PF
STREET: 3174 Porter
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APPLICANT: Stuart, Susan G.
APPLICANT: Murzy, Lynn E.
TITLE OF INVENTION: NOVEL S!
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LIBRARY: CULL.
CONE: 608493
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                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 265 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FastSEQ Version 1.5
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                                                               121
     181
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                                                                                                                                                                                          μ
                                                                                                                                                                                                                                                                       Similarity
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                                 CGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTCCTGGCCTCG 296
                                                               ATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAAC
                                                                                                                                                       CAGCCGCAGGTGGTGGCGCGCGCGTGTGCTTGGTCTTCGCCTTGATCGTGTTCTCCTGC 176
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   CGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGTGCTGGCCTTCCTGGCCTCG
                                                                                            ATCTATGGTGAGGGCTACAGCAATGCCCACGAGTCTAAGCAGATGTACTGCGTGTTCAAC 236
                                                                                                                            CAGCCGCAGGTGGCGCGCGCGCGTGTGCTTNGTCTTCGCCTTGATCGTNTTCTCCTGC
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3174 Porter Drive
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                                                                                                                                                                                                                                                   Score 143; DB 2;
Pred. No. 2.7e-59;
0; Mismatches 2
                                                                                                                                                                                                                                                                                     Length 265;
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US-08-700-637-6
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Sequence 6, Application Patent No. 5854413
GENERAL INFORMATION:
APPLICANT: Hawkins
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US-08-700-637-11
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US-08-700-637-11
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                                                                                                                                                                                                                                    Query Match
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CD
IMMEDIATE SOURCE:
LIBRARY: LUNGNO
CLONE: 809604
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700.
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 296 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: 97
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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MEDIUM TYPE: Diskett
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APPLICANT: Stuart, Susan G.
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON
NUMBER OF SEQUENCES: 12
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                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single
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250
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GCIGGCCII
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                                                                                                  GATGTACTGCGTGTTCAACCGCAACGAGGATGCCTGCCGCTATGGCAGTGCCATCGGGGT
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3174 Porter Drive
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                                                                                                                                                                                                      Conservative
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100.0%;
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                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                     Length 296;
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Application US/08700637

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Hawkins, Phillip R.

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US-08-700-637-12
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Best Local Similarity 100.
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSE Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,6:
FILING DATE: Filed Herewith
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                            GENERAL INFORMATION:
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LIBRARY: MMLR2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Luther, Barbara J. REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
COMPUTER READABLE FORM:
                                                                                                                            APPLICANT: Hawkins, Phillip R.
APPLICANT: Stuart, Susan G.
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON
NUMBER OF SEQUENCES: 12
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APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: NOVEL SYNAPTOGYRIN HOMOLOG FROM COLON
NUMBER OF SEQUENCES: 12
                                                                                                              CORRESPONDENCE ADDRESS
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                                                              CITY: Palo Alto
                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94304
                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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                                                                                               DDRESSEE:
                                                                                                                                                                                                                           No.
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                                                                                                                                                                                                                                                                                                                                                                                          143
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                                                                                                                                                                                                                                                                                                                            203 G 203
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                                                                                                                                                                                                                                           12, Application US/08700637
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                                                                                               Incyte Pharmaceuticals, Inc
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100.0%; Prr
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Pred. No. 1.1e-48;
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Matches 93; Conservative
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SEQ ID NO 18432
LENGTH: 115
                                                                                                                                 Matches
                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ESTs and Encoded Huma:
FILE REFERENCE: GENSET: 0.54PN2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 18432, A
Patent No. 663906
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,6
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Jobert, S. APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 415-852-0195
                                                                                                                                                                                                                              TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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                               1492 TARATGTTTTCTCATTCAAA 1511
                                                                                             1432 CGAGTGTATTATAAAATCGTGGGGAGATGCCCGGCCTGGGATGCTGTTTGGAGACGGAA 1491
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 TAAATGTTTTCTCATTCAAA 80
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                                                                                                                                              5.3%; Score 80; 100.0%; Pred. No.
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; Pred. No. 3.7e-35;
; **Commatches 0;
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RESULT 12

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RESULT 14
US-08-700-637-8
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US-09-621-976-18434
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US-09-621-976-18433
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   Sequence 8, Application US/08700637
Patent No. 5854413
GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Stuart, Susan G.
APPLICANT: Murry, Lynn E.
                                                                                                                                                                                                                                                                                                                      Query Match 5.3%; Score 80; DB 4; L
Best Local Similarity 100.0%; Pred. No. 6.9e-29;
Matches 80; Conservative 0; Mismatches 0;
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LENGTH: 137
TYPE: DNA
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Best Local Similarity
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SOFTWARE: Patent.pm
SEQ ID NO 18433
LENGTH: 134
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TITLE OF INVENTION: ESTS and Encoded Human Proteins.

FILE REFERENCE: GENSET.054PR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Jobert, S. APPLICANT: Giordano, J.Y.
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SOFTWARE: Patent.pm
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APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and I
FILE REFERENCE: GENSET.054PR.2
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CURRENT FILING DATE: 2000-07-21
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Hawkins, Phillip R. Stuart, Susan G. Murry, Lynn E.
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Pred. No.
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6.9e-29;
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US-08-700-637-8
                                                  APPLICANT: Shimkets, Richard A.
APPLICANT: Leach, Martin
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
FILE REFERENCE: 15966-534A
CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILLING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR RILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
SOFTWARE: CuraGen Patent Formatter Version 0.9
SEQ ID NO 751
                                                                                                                                                                                                                                                                                   Sequence 751, Application US/09443199C Patent No. 6670464 GENERAL INFORMATION:
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Best Local Similarity
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TELEPAX: 415-852-0195
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS,
LENGTH: 192 base pairs
ORGANISM: Homo sapiens
                                    ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Luther, Barbara J. 954
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94304
COMPUTER READABLE FORM:
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ADDRESSEE: Incyte Pharmaceuticals,
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LIBRARY: LUNC
TONE: 693335
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TYPE: nucleic acid
STRANDEDNESS: single
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CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            246 GATG 249
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     123;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56 GIGGIGGCGCGCGCGTGTGCTTCGTCTTCGCCTTGATCGTGTTCTCCTGCATNTATGGT 115
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Pred. No. 1.7e-25;
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (26)...(0)
COTHER INFORMATION: 1 of 2 allelic variants (752 is other entry)
NAME/KEY: misc_feature
LOCATION: (0)...(0)
COTHER INFORMATION: Accession number cg43921107
US-09-443-199C-751

Query Match
Best Local Similarity 100.0%; Pred. No. 6.8e-15;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 51; GorgerTGGCCTTCCTGGCCTTCTTTGGTGGTCGACGCGTATT 324

Db 1 GGGTGCTGGCCTTCCTGGCCTTCTTCTTTGGTGGTCGACGCGTATT 51

Search completed: April 8, 2004, 13:45:49

Job time : 139 secs